

OG0-093

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OG0-093



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Sections

1. Part 1
2. Part 2

Exam A

QUESTION 1

Which of the following TOGAF components was created to enable architects to design architectures addressing Boundaryless Information Flow?

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- A. The Architecture Repository
- B. The Enterprise Continuum
- C. The Integrated Information Infrastructure Model
- D. The TOGAF Technical Reference Model

Correct Answer: C

Section: Part 1

Explanation

Explanation/Reference:



QUESTION 2

Which of the following best describes the TOGAF Technical Reference Model?

- A. It is a detailed data model that can be tailored to specific industries
- B. It is an example of a Common Systems Architecture
- C. It is a fundamental architecture upon which more specific architectures can be based
- D. It is a model of application components and application services software, including brokering applications

Correct Answer: C

Section: Part 1

Explanation

Explanation/Reference:

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QUESTION 3

Which one of the following statements about the structure of the TOGAF 9 document is true?

- A. Part I, the Enterprise Continuum, describes a model for structuring a virtual repository
- B. Part II, the Architecture Development Method, describes the definitions of terms used in TOGAF, and the changes between versions of TOGAF
- C. Part III, Tools and Support, describes a collection of guidelines and techniques used in the other parts of TOGAF
- D. Part VI, TOGAF Reference Models, includes a model for release management of the TOGAF specification
- E. Part VII, the Architecture Capability Framework, describes processes and skills to establish an enterprise function

Correct Answer: E

Section: Part 1

Explanation

Explanation/Reference:

QUESTION 4

Which phase of the ADM ensures that implementation projects conform to the defined architecture?

- A. Requirements Management
- B. Phase D
- C. Phase F
- D. Phase G
- E. Phase H

Correct Answer: D

Section: Part 1

Explanation

Explanation/Reference:

QUESTION 5

Which one of the following is an objective of the Preliminary Phase of the ADM?

- A. To define the Baseline Architecture for this cycle of the ADM

- B. To define the application systems for the Target Architecture
- C. To define the framework and methodologies to be used
- D. To define the relevant stakeholders and their concerns
- E. To define and prioritise work packages

Correct Answer: C

Section: Part 1

Explanation

Explanation/Reference:

QUESTION 6

According to TOGAF, when creating views for a particular architecture, what is the recommended first step?

- A. Design a viewpoint to address all stakeholder concerns
- B. Develop views for the target architecture first
- C. Ensure completeness of the architecture
- D. Refer to existing libraries of viewpoints, to identify one for re-use

Correct Answer: D

Section: Part 1

Explanation

Explanation/Reference:

QUESTION 7

Which of the following describes the Architecture Vision document?

- A. A description of individual change increments showing progression from the baseline to target architecture
- B. A detailed schedule for implementation of the target architecture
- C. A high level description of the baseline and target architectures
- D. A joint agreement between the development team and sponsor on the deliverables and quality of an architecture
- E. A set of rules and guidelines to support fulfilling the mission of the organization

Correct Answer: C

Section: Part 1

Explanation

Explanation/Reference:

QUESTION 8

According to TOGAF, which of the following best describes how the Enterprise Continuum is used in organizing and developing an architecture?

- A. It is used to coordinate with the other management frameworks in use
- B. It is used to describe how an architecture addresses stakeholder concerns
- C. It is used to identify and understand business requirements
- D. It is used to provide a system for continuous monitoring
- E. It is used to structure re-usable architecture and solution assets

Correct Answer: E

Section: Part 1

Explanation

Explanation/Reference:



QUESTION 9

According to TOGAF, which of the following best describes Architecture Governance?

- A. A categorization mechanism for architecture and solution artifacts
- B. A framework for operational and change activity
- C. A method for designing an information system in terms of a set of building blocks
- D. The lifecycle management of information and related technology used by an organization
- E. The practice by which enterprise architectures are controlled at an enterprise-wide level

Correct Answer: E

Section: Part 1

Explanation

Explanation/Reference:

QUESTION 10

According to TOGAF, which of the following best describes the purpose of a Compliance Assessment?

- A. To ensure that architecture information is communicated to the right stakeholders at the right time
- B. To govern the architecture throughout its implementation process
- C. To provide a high-level view of the end architecture product
- D. To show progression of change from the Baseline Architecture to the Target Architecture

Correct Answer: B

Section: Part 1

Explanation

Explanation/Reference:

QUESTION 11

Which of the following describes a key objective of the Technology Architecture Phase?

- A. To define the solution architecture needed to support the Application Architecture
- B. To define technology components into a set of technology platforms
- C. To define the Transition Architectures needed to achieve the Target Architecture
- D. To develop a migration plan to deliver incremental capabilities
- E. To select a set of technology products that will form the basis of a solution architecture

Correct Answer: B

Section: Part 1

Explanation

Explanation/Reference:

QUESTION 12

Which of the following best describes the purpose of a business scenario?

- A. To define and plan an enterprise architecture transformation based on Capability-Based Planning
- B. To develop a set of general rules and guidelines for the architecture being developed
- C. To develop a set of security guidelines for the architecture being developed
- D. To help identify and understand the business requirements that an architecture must address
- E. To identify and mitigate the risks when implementing an architecture project

Correct Answer: D

Section: Part 1

Explanation

Explanation/Reference:

QUESTION 13

According to TOGAF, which of the following best describes the classification of architectural change in the case where multiple server systems are being consolidated to a single system?

- A. A bottom-up change to enhance operational capability
- B. An incremental change handled via change management techniques
- C. A re-architecting change that puts the whole architecture through an ADM cycle
- D. A revision change of the enterprise architecture
- E. A simplification change handled via change management techniques

Correct Answer: E

Section: Part 1

Explanation

Explanation/Reference:



QUESTION 14

Which of the following statements best describes the purpose of enterprise architecture?

- A. To allow an enterprise to exploit the latest trends in technology
- B. To enable the CIO to take effective control of the business units across an enterprise
- C. To ensure compliance in an enterprise to corporate auditing standards
- D. To optimise an enterprise into an environment that is responsive to business needs
- E. To provide a set of standards that all actors must adhere to within an enterprise

Correct Answer: D

Section: Part 1

Explanation

Explanation/Reference:

QUESTION 15

Which of the following statements best describes how Architecture Principles are used within the ADM?

- A. They are used to define the framework and detailed methodologies
- B. They are used to define stakeholders and their concerns
- C. They are used to determine the readiness factors impacting the organization
- D. They are used to guide decision making within the enterprise
- E. They are used to resolve and dispose of requirements

Correct Answer: D

Section: Part 1

Explanation

Explanation/Reference:

QUESTION 16

Which one of the following is an objective of Phase A of the TOGAF ADM?

- A. To allocate the resources needed to implement the architecture project
- B. To define the framework that is going to be used to develop the enterprise architecture
- C. To define an IT Strategy that maps out the technology infrastructure
- D. To prepare a Solution Architecture for the enterprise
- E. To secure formal approval to proceed

Correct Answer: E

Section: Part 1

Explanation

Explanation/Reference:

QUESTION 17

Complete the sentence. TOGAF 9 Part III provides a set of resources that can be used to adapt and modify the _____.

- A. Architecture Capability
- B. Architecture Development Method
- C. Architecture Landscape

- D. Architecture Repository
- E. Enterprise Continuum

Correct Answer: B

Section: Part 1

Explanation

Explanation/Reference:

QUESTION 18

Which of the following best describes how TOGAF defines an enterprise?

- A. Any collection of organizations that has a common set of goals
- B. Any corporation with more than 10,000 employees
- C. Any organization involved in commerce
- D. Any organization whose stock is traded
- E. Any set of organizations based at the same geographic location

Correct Answer: A

Section: Part 1

Explanation

Explanation/Reference:

QUESTION 19

Which of the following is an objective of Phase B, Business Architecture?

- A. To confirm the ability of the enterprise to undergo change
- B. To demonstrate how stakeholder concerns are addressed in the Business Architecture
- C. To develop a Target Technology Architecture to support the business
- D. To finalize the Architecture Vision and Architecture Definition documents
- E. To maximize the business value from the architecture

Correct Answer: B

Section: Part 1

Explanation

Explanation/Reference:

QUESTION 20

Complete the sentence. The TOGAF Architecture Governance Framework includes _____.

- A. a list of responsibilities for running an Architecture Board
- B. a model for governance including process, content and context
- C. guidance for establishing an Architecture Capability using the ADM
- D. the Architecture Compliance review process and checklists

Correct Answer: B

Section: Part 1

Explanation

Explanation/Reference:

QUESTION 21

Which one of the following statements about TOGAF Building Blocks is true?

- A. Building blocks at a functional level are known as Solutions Building Blocks
- B. Solutions Building Blocks are selected in Phases A, B, C and D
- C. The specification of a building block should be loosely coupled to its implementation
- D. The gap analysis technique should be used to identify building blocks for re-use

Correct Answer: C

Section: Part 1

Explanation

Explanation/Reference:

QUESTION 22

What part of the Architecture Repository shows the building blocks that are currently in use within the organization?



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- A. Architecture Landscape
- B. Architecture Metamodel
- C. Governance Log
- D. Reference Library
- E. Standards Information Base

Correct Answer: A

Section: Part 1

Explanation

Explanation/Reference:



QUESTION 23

Which one of the following is responsible for the acceptance and sign-off of an Architecture Compliance review?

- A. Architecture Board
- B. Architecture Review Co-ordinator
- C. CIO
- D. Lead Enterprise Architect
- E. Project Leader

Correct Answer: A

Section: Part 1

Explanation

Explanation/Reference:

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QUESTION 24

What technique does TOGAF recommend for evaluating the status of an organization to undergo change?

- A. Business Transformation Readiness Assessment
- B. Business Value Assessment Technique
- C. Capability-Based Planning
- D. Communications and Stakeholder Management
- E. Gap Analysis

Correct Answer: A

Section: Part 1

Explanation

Explanation/Reference:

QUESTION 25

Which of the following best describes the meaning of "Initial Level of Risk" in Risk Management?

- A. The categorization after implementation of mitigating actions
- B. The categorization after initial risk assessment
- C. The categorization after mitigation and residual risk assessment
- D. The categorization before determining and implementing mitigating actions
- E. The categorization before risk identification

Correct Answer: D

Section: Part 1

Explanation

Explanation/Reference:

QUESTION 26

Complete the sentence. According to TOGAF, a view is used to describe how the _____ of a stakeholder are being met.

- A. concerns
- B. constraints

- C. interests
- D. perspective
- E. requirements

Correct Answer: A
Section: Part 1

Explanation

Explanation/Reference:

QUESTION 27

Complete the sentence. The Architecture Development Method produces content to be stored in the Repository, which is classified according to the _____.

- A. ADM Guidelines and Techniques
- B. Architecture Capability Framework
- C. Architecture Capability Model
- D. Enterprise Continuum
- E. Standards Information Base

Correct Answer: D
Section: Part 1
Explanation

Explanation/Reference:

QUESTION 28

Which of the following best describes the state of architecture artifacts as a project progresses through ADM Phases A to D?

- A. The artifacts are transformed into solution architectures
- B. The artifacts become increasingly product focused
- C. The artifacts become increasingly generic and re-usable
- D. The artifacts evolve from generic architectures to organization-specific architectures
- E. The artifacts evolve from common systems architectures to foundation architectures

Correct Answer: D



Section: Part 1

Explanation

Explanation/Reference:

QUESTION 29

Which of the following describes the Phase H classification for an Incremental change?

- A. A change driven by a requirement to derive additional value from the existing investment
- B. A change driven by a requirement to increase investment in order to create new value for exploitation
- C. A change driven by a requirement to reduce investment
- D. A change driven by a requirement to re-align with the business strategy

Correct Answer: A

Section: Part 1

Explanation

Explanation/Reference:



QUESTION 30

Which one of the following statements about viewpoints is correct?

- A. A viewpoint is always specific to an architecture
- B. A viewpoint is used to create views in Phases E and F
- C. A viewpoint is used as a template to create a view
- D. A viewpoint is what a stakeholder sees

Correct Answer: C

Section: Part 1

Explanation

Explanation/Reference:

QUESTION 31

Which of the following best completes the sentence? The Architecture Repository _____.

- A. is used to store different classes of architectural output created by the ADM
- B. is a categorisation mechanism for classifying architecture and solution artifacts
- C. is a detailed model of architectural work products, including deliverables and artifacts
- D. is an architecture of generic functions and services
- E. is a set of resources to help establish an architecture capability within an organization

Correct Answer: A

Section: Part 1

Explanation

Explanation/Reference:

QUESTION 32

A key step in validating a proposed target architecture is to consider what may have been forgotten. What technique does TOGAF recommend to address this issue?

- A. Business Transformation Readiness Assessment
- B. Business Value Assessment Technique
- C. Capability-Based Planning
- D. Communications and Stakeholder Management
- E. Gap Analysis



Correct Answer: E

Section: Part 1

Explanation

Explanation/Reference:

QUESTION 33

Which phase of the ADM establishes a set of Principles?

- A. Preliminary Phase
- B. Phase A
- C. Phase D
- D. Phase G
- E. Phase H

Correct Answer: A

Section: Part 1

Explanation

Explanation/Reference:

QUESTION 34

Which one of the following statements about the Requirements Management phase is true?

- A. All requirements fed into the phase are prioritized, and those of low priority are deferred until the next iteration of the ADM cycle
- B. The phase generates the requirements for a given ADM cycle using the Business Scenario technique
- C. The phase manages the flow of requirements, storing them, and feeding them in and out of the relevant ADM phases
- D. The phase operates like a waiting room, and all requirements fed in to the phase must be resolved by the end of the current ADM cycle
- E. The phase resolves the requirements that are fed into it from the other ADM phases

Correct Answer: C

Section: Part 1

Explanation

Explanation/Reference:



QUESTION 35

Which one of the following best describes the next step in an Architecture Compliance Review once the scope of the review has been determined?

- A. Interview the project principals to obtain background information
- B. Prepare the Architecture Compliance Review report
- C. Schedule the Architecture Review meeting
- D. Send the assessment report to the Architecture Review co-ordinator
- E. Tailor the checklists to address business requirements

Correct Answer: E

Section: Part 1

Explanation

Explanation/Reference:

QUESTION 36

Complete the sentence. All of the following describe a purpose of an Architecture Compliance review, except _____.

- A. determining the technical readiness of a project
- B. ensuring the application of best practices
- C. identifying business transformation risks for an architecture project
- D. identifying errors in an architecture project
- E. identifying where architecture standards require modification

Correct Answer: C

Section: Part 1

Explanation

Explanation/Reference:

QUESTION 37

Which one of the following provides a foundation for making architecture and planning decisions, framing policies, procedures, and standards, and supporting resolution of contradictory situations?

- A. Architecture principles
- B. Buy lists
- C. Procurement policies
- D. Requirements
- E. Stakeholder concerns



Correct Answer: A

Section: Part 1

Explanation

Explanation/Reference:

QUESTION 38

According to TOGAF, which of the following best describes the purpose of the Architecture Roadmap?

- A. To ensure that architecture information is communicated to the right stakeholders at the right time
- B. To evangelize the architecture to the end user community

- C. To govern the architecture through to implementation
- D. To keep the Architecture Review Board informed of changes to the architecture
- E. To show progression of change from the Baseline Architecture to the Target Architecture

Correct Answer: E

Section: Part 1

Explanation

Explanation/Reference:

QUESTION 39

What technique does TOGAF recommend that focuses on achieving business outcomes rather than just technical deliverables?

- A. Business Transformation Readiness Assessment
- B. Business Value Assessment Technique
- C. Capability-Based Planning
- D. Communications and Stakeholder Management
- E. Quality Function Deployment

Correct Answer: C

Section: Part 1

Explanation



Explanation/Reference:

QUESTION 40

Which model within TOGAF is closely related to the concept of Boundaryless Information Flow?

- A. The ARTS data model
- B. The Architecture Governance Framework
- C. The Enterprise Continuum
- D. The Integrated Information Infrastructure Model
- E. The TOGAF Technical Reference Model

Correct Answer: D

Section: Part 1

Explanation

Explanation/Reference:

QUESTION 41

Which one of the following does TOGAF state is an objective for Phase A: Architecture Vision?

- A. To create an implementation and migration strategy
- B. To establish an architecture change management process
- C. To priorities work packages and projects
- D. To validate the business principles, goals, drivers and key performance indicators

Correct Answer: D

Section: Part 1

Explanation

Explanation/Reference:

QUESTION 42

In which of the following ADM Phases do building blocks become implementation-specific?

- A. Phase A 3
- B. Phase 3
- C. Phase 3
- D. Phase 3
- E. Phase E 3

Correct Answer: 3

Section: Part Explanation 3

Explanation/Reference:QUESTION 3

Which of the following best describes an approach for adapting the ADM in the situation where business principles dictate that a packaged solution be used?

- A. Completion of the Business Architecture should follow the Information Systems Architecture
- B. Create an Architecture Vision and then a detailed Business Architecture
- C. Produce a "cut-down" version of the ADM suitable to the resources available
- D. Tailor the ADM in conjunction with another architecture framework that has deliverables specific to the vertical sector

E. Tailor the ADM to reflect the relationships with, and dependencies on other management processes within the organization

Correct Answer: A

Section: Part 1

Explanation

Explanation/Reference:

QUESTION 44

Which Architecture domain is recommended to be the first architecture work undertaken in the ADM cycle?

- A. Application Architecture
- B. Business Architecture
- C. Data Architecture
- D. Technology Architecture

Correct Answer: B

Section: Part 1

Explanation

Explanation/Reference:



QUESTION 45

Complete the sentence. According to TOGAF, all of the following are responsibilities of an Architecture Board, except _____.

- A. Ensuring consistency between sub-architectures
- B. Ensuring flexibility of the enterprise architecture to meet business needs
- C. Improving the maturity of the organization's architecture discipline
- D. Monitoring of architecture contracts
- E. Preparing architecture review reports

Correct Answer: E

Section: Part 1

Explanation

Explanation/Reference:

QUESTION 46

Which section of the TOGAF document contains a structured metamodel for architectural artifacts?

- A. Part II: Architecture Development Method
- B. Part III: ADM Guidelines and Techniques
- C. Part IV: Architecture Content Framework
- D. Part VI: TOGAF Reference Models
- E. Part VII: Architecture Capability Framework

Correct Answer: C

Section: Part 1

Explanation

Explanation/Reference:

QUESTION 47

Which of the following statements about TOGAF Building Blocks is true?

- A. A good Building Block should not be composed of other Building Blocks
- B. Architecture Building Blocks should be first selected in Phase D
- C. Building Block specifications should be loosely coupled to implementation
- D. Custom developments are known as Architecture Building Blocks

Correct Answer: C

Section: Part 1

Explanation

Explanation/Reference:

QUESTION 48

Complete the sentence. TOGAF covers the development of four architecture domains, Business, Data, Technology and _____.

- A. Application
- B. Capability
- C. Segment
- D. Transition

E. Vision

Correct Answer: A

Section: Part 1

Explanation

Explanation/Reference:

QUESTION 49

Which of the following describes an objective of Phase G: Implementation Governance?

- A. Finalize the Implementation and Migration Plan
- B. Establish the recourses for architecture governance
- C. Ensure conformance for the target architecture
- D. Operate the governance framework
- E. Develop the Target Technology Architecture

Correct Answer: C

Section: Part 1

Explanation



Explanation/Reference:

QUESTION 50

Which of the following best describes the purpose of the Statement of Architecture Work?

- A. It contains an assessment of the current architecture requirements
- B. It defines the scope and approach to complete an architecture project
- C. It is sent from the sponsor and triggers the start of an architecture development cycle
- D. It provides a high-level aspirational view of the end architecture project
- E. It provides a schedule for implementation of the target architecture

Correct Answer: B

Section: Part 1

Explanation

Explanation/Reference:

QUESTION 51

Which of the following best describes the Integrated Information Infrastructure Reference Model?

- A. It is used to determine the capability level of an enterprise
- B. It is a deliverable from Phase A
- C. It focuses on Application Software
- D. It provides a conceptual structure for architecture governance
- E. It supports all the Common Systems Architectures

Correct Answer: C

Section: Part 1

Explanation

Explanation/Reference:

QUESTION 52

Complete the sentence. The practice by which the enterprise architecture is managed and controlled at an enterprise level is known as_____.

- A. Architecture governance
- B. Corporate governance
- C. IT governance
- D. Portfolio management
- E. Technology governance

Correct Answer: A

Section: Part 1

Explanation

Explanation/Reference:

QUESTION 53

Which of the following best describes the purpose of the Business Transformation Readiness Assessment technique?

- A. To determine if the organization is ready to undergo change

- B. To determine if the stakeholders support the implementation plan
- C. To ensure that there are adequate trained engineers to develop the solution
- D. To ensure that there is sufficient funding to execute the transformation
- E. To plan the migration steps needed to achieve the transformation

Correct Answer: A

Section: Part 1

Explanation

Explanation/Reference:

QUESTION 54

Which of the following is described by the TOGAF Architecture Content Framework as a type of artifact that shows lists of things?

- A. Building Block
- B. Catalog
- C. Diagram
- D. Matrix
- E. Deliverable



Correct Answer: B

Section: Part 1

Explanation

Explanation/Reference:

QUESTION 55

According to TOGAF, which of the following types of architecture has major characteristics that include open system standards and general building blocks?

- A. Common Systems Architecture
- B. Foundation Architecture
- C. Industry Architecture
- D. Organization-Specific Architecture

Correct Answer: B

Section: Part 1

Explanation

Explanation/Reference:

QUESTION 56

TOGAF uses a version numbering convention to illustrate the evolution of the Baseline and Target Architecture Definitions. Which version number in this convention indicates a formally reviewed, detailed architecture?

- A. Version 0.1
- B. Version 0.5
- C. Version 0.9
- D. Version 1.0
- E. Version 1.5

Correct Answer: D

Section: Part 1

Explanation

Explanation/Reference:



QUESTION 57

Which of the following best describes the TOGAF Architecture Development Method?

- A. A process for managing architecture requirements
- B. A classification mechanism for architectures and solutions
- C. A process for managing and controlling change at an enterprise-wide level
- D. A view of the Architecture Repository
- E. A process for developing an organization-specific enterprise architecture

Correct Answer: E

Section: Part 1

Explanation

Explanation/Reference:

QUESTION 58

Which one of the following is an objective of Phase A, Architecture Vision?

- A. Defining architecture principles
- B. Defining relationships between management frameworks
- C. Defining the enterprise
- D. Evaluating the enterprise architecture maturity
- E. Identifying stakeholders and their concerns

Correct Answer: E

Section: Part 1

Explanation

Explanation/Reference:

QUESTION 59

Which of the following does TOGAF recommend for use in developing the Architecture Vision?

- A. Architecture principles
- B. Business scenarios
- C. Business Transformation Readiness Assessment
- D. Capability-based planning
- E. Gap analysis

Correct Answer: B

Section: Part 1

Explanation

Explanation/Reference:

QUESTION 60

According to TOGAF, which of the following terms is defined as the key interests that are crucially important to stakeholders?

- A. Concerns
- B. Principles

- C. Requirements
- D. Views
- E. Viewpoints

Correct Answer: A

Section: Part 1

Explanation

Explanation/Reference:

QUESTION 61

When using a cycle of the ADM to establish an Architecture Capability as described in TOGAF Part VII, which architecture would describe the infrastructure requirements?

- A. Application Architecture
- B. Business Architecture
- C. Data Architecture
- D. Technology Architecture
- E. Transition Architecture



Correct Answer: D

Section: Part 1

Explanation

Explanation/Reference:

QUESTION 62

Which of the following best describes the class of information known as the Reference Library within the Architecture Repository?

- A. A description of the organization specific architecture framework and method
- B. A record of the governance activity across the enterprise
- C. Guidelines and templates used to create new architectures
- D. Processes to support governance of the Architecture Repository
- E. Specifications to which architectures must conform

Correct Answer: C

Section: Part 1

Explanation

Explanation/Reference:

QUESTION 63

Complete the sentence. TOGAF defines five criteria for a good set of principles: Understandable, Robust, Complete, Consistent and_____.



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- A. Agile
- B. Dynamic
- C. Comprehensive
- D. Rational
- E. Stable

Correct Answer: E

Section: Part 1

Explanation

Explanation/Reference:

QUESTION 64

Complete the sentence. According to TOGAF, a _____ is a representation of a system from the perspective of a related set of_____.

- A. view, concerns
- B. viewpoint, views

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- C. view, requirements
- D. view, stakeholders

Correct Answer: A

Section: Part 1

Explanation

Explanation/Reference:

QUESTION 65

Which of the following best describes the Standards Information Base?

- A. A repository area holding a description of the organization specific architecture framework and method
- B. A repository area holding a record of the governance activity across the enterprise
- C. A repository area holding guidelines and templates used to create new architectures
- D. A repository area holding processes to support governance of the Architecture Repository
- E. A repository area holding specifications to which architectures must conform

Correct Answer: E

Section: Part 1

Explanation

Explanation/Reference:

QUESTION 66

Which of the following describes how the Enterprise Continuum is used when developing an Enterprise Architecture?

- A. To describe how an architecture addresses stakeholder concerns
- B. To identify and understand business requirements
- C. To classify architecture and solution assets
- D. To coordinate with the other management frameworks in use

Correct Answer: C

Section: Part 1

Explanation

Explanation/Reference:

QUESTION 67

Complete the sentence by selecting the applicable pair of words. A/an _____ is used in Phase A to help identify and understand business _____ that the architecture has to address.

- A. activity model, perspective
- B. business scenario, requirements
- C. use case, interconnections
- D. architecture view, concerns
- E. business transformation readiness assessment, constraints

Correct Answer: B

Section: Part 1

Explanation

Explanation/Reference:

QUESTION 68

According to TOGAF, which of the following best describes the purpose of an Architecture Roadmap?

- A. To act as a deliverable container for artifacts created during a project
- B. To ensure that architecture information is communicated to the right stakeholders at the right time
- C. To govern the architecture throughout its implementation process
- D. To provide a high-level view of the end architecture product
- E. To show progression of change from the Baseline Architecture to the Target Architecture

Correct Answer: E

Section: Part 1

Explanation

Explanation/Reference:

QUESTION 69

Which of the following does TOGAF describe as "a formal description of a system, or a detailed plan of the system at component level to guide its implementation"?

- A. Architecture

- B. Artifact
- C. Deliverable
- D. Model
- E. View

Correct Answer: A

Section: Part 1

Explanation

Explanation/Reference:

QUESTION 70

Which part of TOGAF describes taxonomies for categorizing the outputs of architecture activity in terms of reuse?

- A. ADM Guidelines and Techniques
- B. Architecture Capability Framework
- C. Architecture Development Method
- D. Enterprise Continuum & Tools

Correct Answer: D

Section: Part 1

Explanation



Explanation/Reference:

QUESTION 71

According to TOGAF, which document should incorporate the actions arising from the Business Transformation Readiness Assessment technique?

- A. Architecture Road map
- B. Architecture Requirements Specification
- C. Communications Plan
- D. Implementation and Migration Plan
- E. Implementation Governance Model

Correct Answer: D

Section: Part 1

Explanation

Explanation/Reference:

QUESTION 72

Which of the following best describes the purpose of the Architecture Vision?

- A. It contains an assessment of the current architecture requirements
- B. It defines the scope and approach to complete an architecture project
- C. It is sent from the sponsor and triggers the start of an architecture development cycle
- D. It provides a high-level aspirational view of the end architecture project
- E. It provides a schedule for implementation of the target architecture

Correct Answer: D

Section: Part 1

Explanation

Explanation/Reference:

QUESTION 73

TOGAF Part VII, Architecture Capability Framework recommends use of an ADM cycle for establishing an architecture practice. In this scenario which architecture would describe the organizational structure for the architecture practice?

- A. Application Architecture
- B. Business Architecture
- C. Data Architecture
- D. Technology Architecture

Correct Answer: B

Section: Part 1

Explanation

Explanation/Reference:

QUESTION 74

Complete the sentence. The Requirements Management process is used to_____.

- A. develop requirements for Transition Architectures that deliver business value
- B. dispose of, address and prioritize architecture requirements
- C. organize architecture requirements throughout the ADM cycle
- D. review business requirements
- E. validate requirements between ADM phases

Correct Answer: C

Section: Part 1

Explanation

Explanation/Reference:

QUESTION 75

Which of the following is an objective of the Preliminary Phase?

- A. Develop the Architecture Vision document
- B. Draft the Implementation and Migration Plan
- C. Ensure conformance requirements for the target architecture are defined
- D. Establish the Organizational Model for enterprise architecture
- E. Operate the governance framework

Correct Answer: D

Section: Part 1

Explanation

Explanation/Reference:

Reference: <http://pubs.opengroup.org/architecture/togaf91-doc/arch/chap06.html>

QUESTION 76

What is part of the approach in the ADM Preliminary Phase?

- A. Creating the Architecture Vision deliverable
- B. Defining the enterprise
- C. Developing an Architecture Contract
- D. Extending the business scenario with business modeling
- E. Preparing a consolidated Gap Analysis

Correct Answer: B

Section: Part 1

Explanation

Explanation/Reference:

QUESTION 77

In Phases B, C, and D which is the first step in each phase?

- A. Conduct formal stakeholder review
- B. Create Architecture Definition Document
- C. Define Roadmap components
- D. Perform gap analysis
- E. Select reference models, viewpoints and tools

Correct Answer: E

Section: Part 1

Explanation

Explanation/Reference:



QUESTION 78

Complete the sentence. The ADM can be viewed as the process of populating the enterprise's own _____ with relevant re-usable building blocks taken from the more generic side of the Enterprise Continuum.

- A. Architecture Repository
- B. Architecture Requirements
- C. Implementation and Migration plan
- D. Standards Information Base
- E. Strategic Architecture

Correct Answer: A

Section: Part 1

Explanation

Explanation/Reference:

QUESTION 79

Which of the following best describes the concept of Boundaryless Information Flow?

- A. Enabling the vision of an integrated information infrastructure
 - B. Getting information to the right people at the right time in a secure, reliable and timely manner
 - C. Enabling effective global communications between countries
 - D. Enabling the flow of information to all stakeholders
 - E. Providing a visual representation of information provider, consumer and brokering applications
- Correct Answer: B**

Section: Part 1**Explanation****Explanation/Reference:****QUESTION 80**

According to TOGAF, which of the following terms describes people who have key roles in, or concerns about, a system?

- A. consumer
- B. CxOs
- C. lead architect
- D. sponsor
- E. stakeholder



Correct Answer: E

Section: Part 1**Explanation****Explanation/Reference:****QUESTION 81**

In which phase of the ADM cycle do building blocks become implementation-specific?

- A. Phase A
- B. Phase B
- C. Phase C

- D. Phase D
- E. Phase E

Correct Answer: E

Section: Part 1

Explanation

Explanation/Reference:

QUESTION 82

According to TOGAF, which of the following best describes the purpose of the Architecture Definition Document?

- A. To act as a deliverable container for artifacts created during a project
- B. To ensure that architecture information is communicated to the right stakeholders at the right time
- C. To govern the architecture throughout its implementation process
- D. To provide a high-level view of the end architecture product
- E. To show progression of change from the Baseline Architecture to the Target Architecture

Correct Answer: A

Section: Part 1

Explanation

Explanation/Reference:

QUESTION 83

Complete the sentence. The Enterprise Continuum provides methods for classifying architecture artifacts as they evolve from.

- A. Foundation Architectures to re-usable architecture assets
- B. generic architectures to Organization-Specific Architectures
- C. generic solutions to Industry Models
- D. generic architectures to reusable Solution Building Blocks
- E. Solutions Architectures to Solution Building Blocks

Correct Answer: B

Section: Part 1

Explanation

Explanation/Reference:

QUESTION 84

Which of the following describes an objective of Phase F: Migration Planning Phase?

- A. Develop a Target Technology Architecture
- B. Consolidate the Gap Analysis results from Phases B through D
- C. Generate and gain consensus on an initial Architecture Roadmap
- D. Coordinate the Implementation and Migration Plan with other frameworks
- E. Operate the governance framework and manage an architecture contract

Correct Answer: D

Section: Part 1

Explanation

Explanation/Reference:

QUESTION 85

Which of the following best describes a purpose of the Gap Analysis technique?

- A. To catch errors in a project architecture early
- B. To guide decision making throughout the enterprise
- C. To help identify and understand business requirements
- D. To highlight shortfalls between the baseline and target architectures
- E. To mitigate risk when implementing an architecture project

Correct Answer: D

Section: Part 1

Explanation

Explanation/Reference:

QUESTION 86

Which ADM Phase includes obtaining approval for the Statement of Architecture Work?

- A. Preliminary Phase
- B. Phase A: Architecture Vision
- C. Phase D: Technology Architecture
- D. Phase F: Migration Planning
- E. Phase G: Implementation Governance

Correct Answer: B

Section: Part 1

Explanation

Explanation/Reference:

QUESTION 87

Which section of the TOGAF template for Architecture Principles should highlight the requirements for carrying out the principle?

- A. Implications
- B. Name
- C. Rationale
- D. Statement

Correct Answer: A

Section: Part 1

Explanation

Explanation/Reference:

QUESTION 88

In which ADM phase is the goal to ensure that the architecture achieves its original target business value?

- A. Phase E
- B. Phase F
- C. Phase G
- D. Phase H
- E. Preliminary Phase

Correct Answer: D

Section: Part 1

Explanation

Explanation/Reference:

QUESTION 89

Which of the following is described by the TOGAF Architecture Content Framework as a type of artifact that shows relationships between things?

- A. Building Block
- B. Catalog
- C. Diagram
- D. Matrix
- E. Deliverable

Correct Answer: D

Section: Part 1

Explanation

Explanation/Reference:



QUESTION 90

Which one of the following best describes an Architecture Compliance Review?

- A. A review of an architecture project against established criteria and business objectives
- B. A review of the readiness and ability of an organization to accept change
- C. A review of the organization's ability to share information and services
- D. A review of the baseline and target architectures to identify gaps
- E. A review of the plans for enterprise transformation

Correct Answer: A

Section: Part 1

Explanation

Explanation/Reference:

QUESTION 91

Which of the following is a re-usable artifact that is used to create architecture models addressing stakeholder concerns?

- A. Catalog
- B. Matrix
- C. Diagram
- D. View
- E. Viewpoint

Correct Answer: E

Section: Part 1

Explanation

Explanation/Reference:

QUESTION 92

Which of the following does TOGAF describe as "the structure of components, their inter-relationships, and the principles guiding their design and evolution over time"?

- A. View
- B. Artifact
- C. Model
- D. Deliverable
- E. Architecture

Correct Answer: E

Section: Part 1

Explanation

Explanation/Reference:

QUESTION 93

Which of the following does TOGAF provide as a set of reference materials for establishing an architecture function within an organization?

- A. Architecture Content Framework
- B. Technical Reference Model

- C. Integrated Information Infrastructure Reference Model
- D. Architecture Development Method
- E. Architecture Capability Framework

Correct Answer: E

Section: Part 1

Explanation

Explanation/Reference:

QUESTION 94

Which of the TOGAF architecture development phases is the first phase of an architecture development cycle, defines the scope for an engagement and identifies the stakeholders?

- A. Architecture Change Management
- B. Architecture Vision
- C. Business Architecture
- D. Preliminary Phase
- E. Technology Architecture



Correct Answer: B

Section: Part 1

Explanation

Explanation/Reference:

QUESTION 95

Which of the following does the TOGAF ADM recommend for use in developing the Architecture Vision?

- A. Architecture Principles
- B. Business Scenarios
- C. Interoperability Analysis
- D. Migration Planning Techniques
- E. Risk Management Techniques

Correct Answer: B

Section: Part 1

Explanation

Explanation/Reference:

QUESTION 96

Which part of the TOGAF document describes taxonomies for categorizing the outputs of architecture activity?

- A. ADM Guidelines and Techniques
- B. Architecture Capability Framework
- C. Architecture Development Method
- D. Enterprise Continuum & Tools

Correct Answer: D

Section: Part 1

Explanation

Explanation/Reference:



QUESTION 97

Complete the sentence. The Standards Information Base is a repository area that _____.

- A. defines the parameters, structures, and processes to support governance of the Architecture Repository
- B. describes the organization specific architecture framework and method
- C. lists the set of specifications to which architectures must conform
- D. provides a record of the governance activity across the enterprise
- E. provides guidelines, templates, and patterns used to create new architectures

Correct Answer: C

Section: Part 1

Explanation

Explanation/Reference:

QUESTION 98

In which part of the ADM cycle are building blocks evolved using a common platform of steps?

- A. Preliminary Phase and Phase A
- B. Phases B, C and D
- C. Phases E and F. Phases G and H

Correct Answer: B

Section: Part 1

Explanation

Explanation/Reference:

QUESTION 99

Which of the following types of architecture defines technology standards for building blocks and provides direction for products and services?

- A. Common Systems Architecture
- B. Foundation Architecture
- C. Industry Architecture
- D. Organization-Specific Architecture
- E. Transition Architecture



Correct Answer: B

Section: Part 1

Explanation

Explanation/Reference:

QUESTION 100

Which one of the following best describes the purpose of the Communications Plan?

- A. To act as a deliverable container for artifacts created during a project
- B. To ensure that information is communicated to the right stakeholders at the right time
- C. To ensure that the results of a Compliance Assessment are distributed to the Architecture Board
- D. To inform the Architecture Board of changes to the architecture
- E. To show progression of change from the Baseline Architecture to the Target Architecture

Correct Answer: B

Section: Part 1

Explanation

Explanation/Reference:

QUESTION 101

TOGAF Part VII, Architecture Capability Framework recommends use of an ADM cycle for establishing an architecture practice. In this scenario which architecture would describe the organizational structure for the architecture practice?

- A. Application Architecture
- B. Business Architecture
- C. Data Architecture
- D. Technology Architecture
- E. Transition Architecture

Correct Answer: B

Section: Part 1

Explanation

Explanation/Reference:



QUESTION 102

Which one of the following best describes Capability-Based Planning?

- A. A planning technique that ensures business information is communicated to the right people at the right time
- B. A planning technique that ensures the application of business best practices
- C. A planning technique that ensures timely solutions
- D. A planning technique that focuses on business outcomes
- E. A planning technique that identifies services to be shared

Correct Answer: D

Section: Part 1

Explanation

Explanation/Reference:

QUESTION 103

Complete the sentence, The Architecture Landscape is divided into three levels, Capability Architectures, Segment Architectures, and _____.

- A. Baseline Architectures
- B. Solution Architectures
- C. Strategic Architectures
- D. Target Architectures
- E. Transition Architectures

Correct Answer: C

Section: Part 1

Explanation

Explanation/Reference:

QUESTION 104

Which of the following does the TOGAF document define as the representation of a related set of concerns?

- A. Catalog
- B. Matrix
- C. Diagram
- D. View
- E. Viewpoint

Correct Answer: D

Section: Part 1

Explanation

Explanation/Reference:

QUESTION 105

Which part of the TOGAF document describes an overview of typical architecture deliverables?

- A. ADM Guidelines and Techniques
- B. Architecture Capability Framework

- C. Architecture Content Framework
- D. Enterprise Continuum & Tools
- E. TOGAF Reference Models

Correct Answer: C

Section: Part 1

Explanation

Explanation/Reference:

QUESTION 106

Which of the following describes a purpose of an Architecture Compliance review?

- A. Identifying relationships between management frameworks
- B. Identifying stakeholders and their concerns
- C. Identifying the business transformation risks for an architecture project
- D. Identifying criteria for procurement activities
- E. Identifying work packages for inclusion in the Architecture Roadmap

Correct Answer: D

Section: Part 1

Explanation

Explanation/Reference:

Reference: http://pubs.opengroup.org/architecture/togaf9-doc/arch/chap48.html#tag_48_03

QUESTION 107

Complete the sentence. There are five criteria that distinguish a good set of principles: Understandable, Robust, Complete, Consistent and _____.

- A. Agile
- B. Dynamic
- C. Comprehensive
- D. Rational
- E. Stable

Correct Answer: E

Section: Part 1

Explanation

Explanation/Reference:

QUESTION 108

Which of the following is part of the Preliminary Phase?

- A. Creating the Architecture Vision deliverable
- B. Preparing a consolidated Gap Analysis
- C. Developing the Architecture Contract
- D. Defining a set of Architecture Principles

Correct Answer: D

Section: Part 1

Explanation

Explanation/Reference:

Reference: <http://pubs.opengroup.org/architecture/togaf91-doc/arch/chap06.html>

QUESTION 109

Which of the following is an objective of the Preliminary Phase?

- A. Develop a vision of the proposed Enterprise Architecture
- B. Define the process for architecture governance
- C. Create the initial version of the Architecture Roadmap
- D. Document the baseline architecture
- E. Obtain approval for the Statement of Architecture Work

Correct Answer: B

Section: Part 1

Explanation

Explanation/Reference:

QUESTION 110

What level of risk is the risk categorization prior to determining and implementing mitigating actions?

- A. Critical
- B. ResidualC. Low
- D. Marginal
- E. Initial

Correct Answer: E

Section: Part 1

Explanation

Explanation/Reference:

Reference: <https://pubs.opengroup.org/architecture/togaf9-doc/arch/chap27.html>

QUESTION 111

Which of the following is an objective of ADM Phase G, Implementation Governance?

- A. Ensure that the enterprise's Architecture Capability meets current requirements
- B. Establish the value realization process
- C. Ensure that implementation projects conform with the Target Architecture
- D. Prioritize the projects through risk validation
- E. Assess the performance of the architecture and make recommendation for change

Correct Answer: C

Section: Part 1

Explanation

Explanation/Reference:

Reference: <http://pubs.opengroup.org/architecture/togaf8-doc/arch/chap13.html>

QUESTION 112

Which ADM phase defines the scope for the architecture development initiative and obtains approval to proceed with the architecture development?

- A. Phase D: Technology Architecture
- B. Phase A: Architecture Vision
- C. Requirements Management

- D. Phase B: Business Architecture
- E. Preliminary Phase

Correct Answer: B

Section: Part 1

Explanation

Explanation/Reference:

Reference: <https://pubs.opengroup.org/architecture/togaf9-doc/arch/chap06.html>

QUESTION 113

Complete the sentence. According to the TOGAF standard, an _____ is a representation of a system from the perspective of a related set of _____.

- A. architecture view, stakeholders
- B. architecture viewpoint, stakeholders
- C. architecture viewpoint, architecture views
- D. architecture view, requirements
- E. architecture view, concerns



Correct Answer: E

Section: Part 1

Explanation

Explanation/Reference:

Reference: <https://pubs.opengroup.org/architecture/togaf9-doc/arch/chap03.html>

QUESTION 114

Which of the following best describes ADM Requirements Management?

- A. Addressing and prioritizing architecture requirements
- B. Managing architecture requirements throughout the ADM cycle
- C. Developing requirements that deliver business value
- D. Reviewing business requirements
- E. Validating requirements between ADM phases

Correct Answer: B
Section: Part 1

Explanation

Explanation/Reference:

Reference: <https://www.orbusoftware.com/resources/videos/the-adm-phases/adm-architecture-requirements-management/>

QUESTION 115

In which part of the ADM cycle do the earliest building block definitions start as abstract entities?

- A. Phase A
- B. Preliminary Phase
- C. Phases B, C, and D
- D. Phases G and H
- E. Phases E and F

Correct Answer: A
Section: Part 1

Explanation

Explanation/Reference:

Reference: <http://pubs.opengroup.org/architecture/togaf8-doc/arch/chap32.html>

QUESTION 116

Which is the final step in the architecture development Phases B, C, and D?

- A. Conduct formal stakeholder review
- B. Define Roadmap components
- C. Resolve impacts across the Architecture Landscape
- D. Create Architecture Definition Document
- E. Select reference models, architecture viewpoints and tools

Correct Answer: D
Section: Part 1

Explanation



Explanation/Reference:

Reference: <https://pubs.opengroup.org/architecture/togaf9-doc/arch/chap04.html>

QUESTION 117

Which of the following are interests important to the stakeholders in a system?

- A. concerns
- B. principles
- C. An architecture viewpoints
- D. requirements
- E. An architecture views

Correct Answer: A

Section: Part 1

Explanation**Explanation/Reference:**

Explanation:

Concerns are the key interests that are crucially important to the stakeholders in the system, and determine the acceptability of the system. Concerns may pertain to any aspect of the system's functioning, development, or operation, including considerations such as performance, reliability, security, distribution, and evolvability. Reference: <http://pubs.opengroup.org/architecture/togaf8-doc/arch/chap31.html>

QUESTION 118

Complete the sentence. The major information areas managed by a governance repository should include _____.

- A. Catalogs, Matrices and Diagrams
- B. Capability, Segment and Transition Architectures
- C. Audit Information, Process Status and Reference Data
- D. Common Systems Solutions, Organization-Specific Solutions and Industry Solutions
- E. Artifacts, Best Practices and Standards

Correct Answer: C

Section: Part 1

Explanation**Explanation/Reference:**

Reference: https://pubs.opengroup.org/architecture/togaf9-doc/arch/chap04.html#tag_04_04

QUESTION 119

Which of the following are considered as generic Building Blocks in the Solutions Continuum?

- A. Common Systems Solutions
- B. Foundation Solutions
- C. Industry Solutions
- D. Organization-Specific Solutions
- E. Strategic Solutions

Correct Answer: B

Section: Part 1

Explanation

Explanation/Reference:

Reference: https://pubs.opengroup.org/architecture/togaf9-doc/arch/chap35.html#tag_35_04_02

QUESTION 120

In which ADM phase does the value and change management process determine the circumstances under which the Enterprise Architecture is permitted to change after deployment?

- A. Phase F
- B. Phase E
- C. Phase G
- D. Phase H
- E. Preliminary Phase

Correct Answer: D

Section: Part 1

Explanation

Explanation/Reference:

Reference: <http://pubs.opengroup.org/architecture/togaf8-doc/arch/chap14.html>

QUESTION 121

Which of the following best describes the purpose of the Architecture Requirements Specification?

- A. It provides a list of work packages and a schedule for implementation of the target architecture.
- B. It defines the scope and approach to complete an architecture project
- C. It provides a set of statements that outline what a project must do to comply with the architecture
- D. It is sent from the sponsor and triggers the start of an architecture development cycle
- E. It contains an assessment of the current architecture requirements

Correct Answer: C

Section: Part 1

Explanation

Explanation/Reference:

Reference: http://pubs.opengroup.org/architecture/togaf91-doc/arch/chap36.html#tag_36_02_06

QUESTION 122

Scenario:

Please read this scenario prior to answering the question

The ABC company specializes in the development of wind turbine blades for use in large-scale commercial wind energy production systems. The company has manufacturing facilities located in Palm Springs, California, Omaha, Nebraska, and Winnipeg, Manitoba. Each of these plants supplies a different manufacturer that builds and sells complete systems. The turbine blades are custom engineered to meet each manufacturer's design specifications.

Until recently, most turbine blades were fabricated manually using molded fiber-reinforced plastics. However, recent improvements in composite materials, coupled with enhanced automated methods for precision application of materials during the molding process, have led to significant reduction in weight, increase in strength, and greatly improved blade longevity. The company has pioneered the development of a proprietary automated process for continuous extrusion of the turbine blades. Patents have been filed to protect the process, but certain trade secrets must be closely guarded.

The company has a mature Enterprise Architecture organization that is supported by a cross-functional Architecture Review Board. The Chief Information Officer and the Chief Operating Officer co-sponsor the Enterprise Architecture program.

The company has used TOGAF and its Architecture Development Method (ADM) to develop its automated manufacturing processes and systems that are used to design, manufacture, and test the blade assemblies. They have adapted their Enterprise Architecture to closely follow the TOGAF 9 framework. All of the company's enterprise architects have been trained and certified on TOGAF 9. Recently, an architecture project was completed that defined a standard approach for controlling the Automated Test System that is used at each plant to perform final quality assurance tests on each completed blade assembly. The Manufacturing Architecture Board approved the plan for immediate implementation at each plant.

An Architecture Contract was developed that detailed the work needed to implement and deploy the new Automated Test System controller. The Chief Engineer, sponsor of the activity, has expressed concern that a uniform process be employed at each site to ensure consistency.

Refer to the Scenario

You are the Lead Architect for this activity.

You have been asked to recommend the best approach to adopt to address the Chief Engineer's concern.

Based on TOGAF 9, which of the following is the best answer?

- A. You create an Architecture Contract to manage and govern the implementation and migration process. If the contract is issued to an external party, you ensure that it is a fully enforceable legal contract. For internal development projects, you decide it is adequate to utilize a memorandum of understanding between the Manufacturing Architecture Board and the implementation organization.
You recommend that if a deviation from the contract is detected, the Manufacturing Architecture Board should modify the Architecture Contract to allow the implementation organization the ability to customize the process to meet their local needs. As a result, you then issue a new Request for Architecture Work to implement the modified Architecture Definition.
- B. You create an Architecture Contract to manage and govern the implementation and migration process. If the contract is issued to an external party, you ensure that it is a fully enforceable legal contract. For internal development projects, you decide it is adequate to utilize a memorandum of understanding between the Manufacturing Architecture Board and the implementation organization.
You recommend that if a deviation from the Architecture Contract is detected, the Manufacturing Architecture Board grant a dispensation ID allow the implementation organization the ability to customize the process to meet their local needs.
- C. You create an Architecture Contract to manage and govern the implementation and migration process. If the contract is issued to an external party, you ensure that it is a fully enforceable legal contract. For internal development projects, you decide it is adequate to utilize a memorandum of understanding between the Manufacturing Architecture Board and the implementation organization.
You ensure that the Manufacturing Architecture Board reviews all deviations from the Architecture Contract, and considers whether or not to grant a dispensation to allow the implementation organization to customize the process to meet their local needs.
- D. You create an Architecture Contract to govern the implementation and migration process at each site. If the contract is issued to an external party, you ensure that it is a fully enforceable legal contract. You ensure that the contract addresses the project objectives, effectiveness metrics, acceptance criteria, and risk management. You then schedule compliance reviews at key points in the implementation process to ensure that the work is proceeding in accordance with the Architecture Definition. Based on the results, you ensure that the Manufacturing Architecture Board reviews all deviations from the Architecture Contract, and considers whether or not to grant a dispensation to allow the implementation organization to customize the process to meet their local needs.

Correct Answer: D

Section: Part 2

Explanation

Explanation/Reference:

Incorrect:

Not C: correct, but missing contract see 49.2.2..

Note:

*** Dispensations**

A dispensation is used as the mechanism to request a change to the existing architectures, contracts, principles, etc. outside of normal operating parameters; e.g., exclude provision of service to a subsidiary, request for unusual service levels for specific business reasons, deploy non-standard technology or products to support specific business initiatives.

Dispensations are granted for a given time period and set of identified services and operational criteria that must be enforced during the lifespan of the dispensation. Dispensations are not granted indefinitely, but are used as a mechanism to ensure that service levels and operational levels, etc. are met while providing a level flexibility in their implementation and timing. The timebound nature of dispensations ensures that they are a trigger to the Architecture Compliance activity.

QUESTION 123

Which of the following are sections of the TOGAF Library?

- A. Common Systems Solutions, Organization-Specific Solutions, and Industry Solutions
- B. Catalogs, Matrices and Diagrams
- C. Reference Data, Templates, and Patterns
- D. Generic Guidance and Techniques, and Organization-Specific Guidance and Techniques
- E. Standard Information Base, Governance Log, Reference Library

Correct Answer: D

Section: Part 2



Explanation

Explanation/Reference:

Reference: <https://publications.opengroup.org/togaf-library>

QUESTION 124

Scenario:

Please read this scenario prior to answering the question

The ABC company is an international agricultural company exporting bulbs, flowers and seeds worldwide. It is headquartered in Rotterdam in the Netherlands, and has sales and distribution centers in over 60 countries worldwide. Several of these centers include administrative, manufacturing, and research facilities.

To achieve full integration of their research capabilities with their development centers located in various climate zones, the company wants to develop strong selfdirected teams in each location. It also wants to define new business models that are profitable while reducing their impact on the environment. The management is deeply committed to ensuring that the company is a world leader in socially responsible seed development with a business strategy that focuses on profitability through environmentally friendly operating processes.

The company international operations are subject to various legal and regulatory requirements. In areas such as genetically modified seeds, governmental controls are strictly enforced and compliance is critical. Recently a competitor was heavily fined for violating the regulations in a country where it was developing pestresistant seeds.

The Governing Board is concerned, and as a result has approved the expenditure of resources to establish an Enterprise Architecture program. They have requested information about the status of projects that could impact regulatory compliance. They also want to enable the corporate legal staff and auditors to analyze proposed architectures to ensure that they are within the legal guidelines for a given location. In addition, the research organization should be able to see that the architecture is appropriate for its needs. TOGAF 9 has been mandated as the guiding framework for the development and evolution of the Enterprise Architecture practice.

Refer to the Scenario

You have been appointed as the Lead Consultant.

You have been asked to recommend an approach that would enable the development of an architecture that addresses the needs of all these parties.

Based on TOGAF 9, which of the following is the best answer?

- A. Depending on the nature of the architecture, a set of models should be created that can be used to ensure that the system will be compliant with the local regulations. Stakeholders should be able to view the models to see that their concerns have been properly addressed.
- B. Each architecture activity should be developed using a consistent modeling approach that is uniform across all architecture projects. Each architecture should be defined based on this fixed set of models so that all concerned parties can examine the models to ensure that their issues and concerns have been addressed,
- C. A stakeholder map should be developed that allows the architects to define groups of stakeholders sharing common concerns. A set of views should then be defined that addresses the concerns for each group- Architecture models can then be created for each view to address the stakeholders' concerns.
- D. For those groups that have sufficient power and level of interest, a special report should be created that summarizes the key features of the architecture with respect to the particular location. Each of these reports should reflect the stakeholders' requirements.

Correct Answer: A

Section: Part 2

Explanation

Explanation/Reference:

QUESTION 125

Scenario:

Please read this scenario prior to answering the question

The ABC company is the prime contractor for the Telesto Unmanned Spacecraft program. Over the course of this contract, the company has grown rapidly by acquisition and has inherited numerous different procurement processes and related IT systems. The company is moving aggressively to consolidate and reduce redundant procurement processes and systems. The CEO has announced that the company will seek to leverage higher volume discounts and lower related IT support costs by instituting a preferred supplier program.

To achieve this goal, the company needs to define Baseline and Target Architectures. These architectures must address key stakeholders' concerns such as:

1. What groups of people should be involved in procurement-related business processes?
2. What current applications do those groups use?
3. Which procurement-related business processes are supported by zero, one, or many existing applications?
4. What are the overall lifetimes of the Request for Proposal and Purchase Order business objects? What non-procurement applications will need to be integrated with any new procurement applications?
5. What data will need to be shared?

At present, there are no particularly useful architectural assets related to this initiative, so all assets need to be acquired and customized or created from scratch. The company prefers to implement existing package applications from systems vendors with little customization.

The architecture development project has just completed its Architecture Context iteration cycle and is about to begin the Architecture Definition iteration cycle. The company is using TOGAF for its internal Enterprise Architecture activities. It uses an iterative approach for executing Architecture Development Method (ADM) projects.

The architecture development project has just completed its Architecture Context iteration cycle and is about to begin the Architecture Definition iteration cycle.

Refer to the Scenario.

You are serving as the Lead Architect.

You have been asked to identify the most appropriate architecture viewpoints for this situation.

Based on TOGAF 9, which of the following is the best answer?

A. In the early iterations of the Architecture Definition:

- Describe the Baseline Business Architecture with a Baseline Business Process catalog
- Describe the Baseline Application Architecture with a Technology Portfolio catalog
- Describe the Baseline Data Architecture with a Data diagram

In the later iterations of the Architecture Definition:

- Describe the Target Business Architecture with an Actor/Process/Data catalog
- Describe the Target Application Architecture with a System/Technology matrix
- Describe the Target Data Architecture with a Data Dissemination diagram

B. In the early iterations of the Architecture Definition:

- Describe the Target Business Architecture with a Business Service/Function catalog and a Business Interaction matrix
- Describe the key business objects with Product Lifecycle diagrams
- Describe the Target Application Architecture with Application Communication diagrams and an Application Interaction matrix
- Describe the Target Data Architecture with a Data Entity/business Function matrix and a System/Data matrix

In the later iterations of the Architecture Definition:

- Describe the Baseline Business Architecture with a Business Service/Function catalog and a Business Interaction matrix
 - Describe the Baseline Application Architecture with a System/Organization matrix and a System/function matrix ▪
- Describe the Baseline Data Architecture with a Data Entity/Data Component catalog

C. In the early iterations of the Architecture Definition:

- Describe the Target Business Architecture with a Business Service/Function catalog and an Organization/Actor catalog
 - Describe the key business objects with Data Lifecycle diagrams
 - Describe the Target Application Architecture with Application Communication diagrams and an Application Interaction matrix ▪
- Describe the Target Data Architecture with a System/Data matrix

In the later iterations of the Architecture Definition:

- Describe the Baseline Business Architecture with a Business Service/Function catalog and a Business Interaction matrix
 - Describe the Baseline Application Architecture with an Application and User Location diagram and a System/Function matrix ▪
- Describe the Baseline Data Architecture with a Data Entity/Data Component catalog

D. In the early iterations of the Architecture Definition:

- Describe the Baseline Business Architecture with an Organization/Actor catalog
- Describe the Baseline Application Architecture with a System/Function matrix
- Describe the Baseline Data Architecture using a Data Entity/Data Component catalog

In the later iterations of the Architecture Definition:

- Describe the Target Business Architecture with an Organization/Actor catalog
- Describe the Target Application Architecture using Application Communication diagrams and an Application Interaction matrix
- Describe the Target Data Architecture with a System/Data matrix

Correct Answer: C

Section: Part 2

Explanation

Explanation/Reference:

QUESTION 126

Scenario:

Please read this scenario prior to answering the question

The ABC company started as an accounting and financial services company. It has expanded over the years and is now a leading North American IT and Business Services provider.

With numerous practice areas and a multitude of diverse engagements underway at any given time, overall engagement management has become challenging.

The company does not want to risk its outstanding reputation or its international certifications and CMM ratings. Senior partners must become team players, working to support the broader needs of the company and its shareholders.

The Enterprise Architecture team has been working to create the company's Enterprise Architecture framework to address these issues. The team has defined a preliminary framework and held workshops with key stakeholders to define a set of principles to govern the architecture work. They have completed an Architecture Vision at a strategic level and laid out Architecture Definitions for the four domains. They have set out an ambitious vision of the future of the company over a fiveyear period.

An Architecture Review Board has been formed comprised of IT staff executives and executives from the major practice areas.

The Chief Executive Officer and Chief Information Officer have co-sponsored the creation of the Enterprise Architecture program. The Enterprise Architecture framework is based on TOGAF 9.

As the EA team prepare to formulate an Implementation plan, they have been asked by the CIO to assess the risks associated with the proposed architecture. He has received concerns from senior management that the proposed architecture may be too ambitious and they are not sure it can produce sufficient value to warrant the attendant risks.

Refer to the Scenario

You have been assigned to the role of Chief Enterprise Architect.

You have been asked to recommend an approach to satisfy the concerns raised.

Based on TOGAF 9, which of the following is the best answer?

- A. An interoperability analysis should be applied to evaluate any potential issues across the Solution Architecture. Once all of the concerns have been resolved, the EA team should finalize the Architecture Implementation Roadmap and the Migration Plan.
- B. The EA team should gather information about potential solutions from the appropriate sources. Once the Solution Architecture has been assembled, it should be analyzed using a state evolution table to determine the Transition Architectures.
- C. The EA team should create a consolidated gap analysis to understand the transformations that are required to achieve the proposed Target Architecture. The EA team should gather information about potential solutions from the appropriate sources. Once the Solution Architecture has been assembled, it should be analyzed using a state evolution table to determine the Transition Architectures. An interoperability analysis should be applied to evaluate any potential issues across the Solution Architecture.
- D. Prior to preparing the Implementation plan, there are several techniques that should be applied to assess the risks and value of the proposed transformation. In particular, the EA team should pay attention to the Business Transformation Readiness Assessment and the Business Value Assessment.

Correct Answer: D

Section: Part 2

Explanation

Explanation/Reference:

QUESTION 127

Scenario:

Please read this scenario prior to answering the question

The ABC company is a major supplier in the automotive industry, headquartered in Cleveland, Ohio with manufacturing plants in Chicago, Sao Paulo, Stuttgart, Yokohama, and Seoul. Each of these plants has been operating its own planning and production scheduling systems, as well as custom developed applications that drive the automated production equipment at each plant.

The company is implementing lean manufacturing principles to minimize waste and improve the efficiency of all of its production operations. During a recent exercise held for internal quality improvement, it was determined that a significant reduction in process waste could be achieved by replacing the current planning and scheduling systems with a common Enterprise Resource Planning (ERP) system located in the Cleveland data center. This central system would provide support to each of the plants replacing the functionality in the existing systems. It would also eliminate the need for full data centers at each of the plant facilities. A reduced number of IT staff could support the remaining applications. In some cases, a third-party contractor could provide those staff.

The company Enterprise Architecture department has been operating for several years and has mature, well-developed architecture governance and development processes that are strongly based on TOGAF 9. At a recent meeting, the Architecture Review Board approved a Request for Architecture Work from the Chief Engineer of Global Manufacturing Operations who is the project sponsor. The request covered the initial architectural investigations and the development of a comprehensive architecture to plan the transformation.

The Common ERP Deployment architecture project team has now been formed, and the project team has been asked to develop an Architecture Vision that will achieve the desired outcomes and benefits. Some of the plant managers have expressed concern about the security and reliability of driving their planning and production scheduling from a central system located in Cleveland. The Chief Engineer wants to know how these concerns can be addressed.

Refer to the Scenario

You are serving as the Lead Enterprise Architect of the newly-formed Common ERP Deployment architecture project team.

As the Common ERP Deployment architecture project team assembles for its initial meeting, many of the participants have voiced concerns about the sweeping scope of the initiative. Others are confident that they know a solution that will work. During the meeting, a number of alternative recommendations for how to proceed are put forward by members of the team.

You have been asked to select the most appropriate recommendation to ensure that the team evaluates different approaches to the problem and clarifies the requirements for the architecture.

Based on TOGAF 9, which of the following is the best answer?

- A. The team should hold a series of interviews at each of the manufacturing plants using the business scenario technique. This will then enable them to identify and document the characteristics of the architecture from the business requirements.
- B. The team should exercise due diligence and carefully research vendor literature and conduct a series of briefings with vendors that are on the current approved supplier list. Based on the findings from the research, the team should define a preliminary target Architecture Vision. The team should then use that model to build consensus among the key stakeholders.

- C. The team should create Baseline and Target Architectures for each of the manufacturing plants. A gap analysis between the architectures will then validate the approach, and determine the Transition Architecture needed to achieve the target state.
- D. The team should conduct a pilot project that will enable vendors on the short list to demonstrate potential solutions that will address the concerns of the stakeholders. Based on the findings of that pilot project, a complete set of requirements can be developed that will drive the evolution of the architecture.

Correct Answer: C

Section: Part 2

Explanation

Explanation/Reference:

QUESTION 128

Scenario:

Please read this scenario prior to answering the question

Your role is that of a consultant to the Lead Enterprise Architect in a company that develops wind turbines for use in wind farms. The company has three manufacturing facilities, one in North America, one in Asia, and one in Europe. Each of these facilities supplies the power industry in its region.

The company recognizes that the long-term technical potential of wind energy can address the current global dependency on carbon fuels. In order to do so this will require wind turbines to be installed over large areas of higher wind resources. In particular offshore wind farms can contribute substantially more energy than land stationed turbines.

The research arm of the company has pioneered the development of an offshore wind turbine design, with an improved turbine blade and power system, that will produce up to 20% more energy. This will allow the production of significantly more saleable energy. This new design is ready to go into production.

The company has a mature Enterprise Architecture practice supported by a cross-functional Architecture Board and uses the TOGAF standard. The Chief Information Officer and the Chief Operating Officer co-sponsor the Enterprise Architecture program.

As part of putting the new design into production, a pilot architecture project has defined an updated standard approach for controlling the automated test systems used to perform final quality assurance to perform final quality assurance. The Architecture Board approved the plan for immediate implementation at each plant.

Architecture Contracts have been developed that detail the work needed to implement and deploy the new Automated Test System controller for each location. The Chief Engineer, sponsor of the activity, has expressed concern that a uniform process be employed at each location to ensure consistency.

Refer to the Scenario

You have been asked to recommend the best approach to address the Chief Engineer's concern.

Based on the TOGAF standard, Version 9.2, which of the following is the best answer?

- A. You review the applicable Architecture Contract for each location, ensuring that it addresses the project objectives, effectiveness metrics, acceptance criteria, and risk management. In cases where the contract is issued to an external party, you ensure that it is a legally enforceable contract.

You schedule compliance reviews at key points in the implementation process to ensure that the work is proceeding in accordance with the Architecture Definition. You ensure that the Architecture Board reviews all deviations from the Architecture Contract, and considers whether or not to grant a dispensation to allow the implementation organization to customize the process to meet their local needs.

- B. You create an Architecture Contract to manage and govern the implementation and migration process at each location. For internal development projects, you issue a memorandum of understanding between the Architecture Board and the implementation organization. For contracts issued to an external party, you ensure that it is a fully enforceable legal contract.
You ensure that the Architecture Board reviews all deviations from the Architecture Contract, and considers whether or not to grant a dispensation to allow the implementation organization to customize the process to meet their local needs.
- C. You create an Architecture Contract to manage and govern the implementation and migration process. If the contract is issued to an external party, you ensure that it is a fully enforceable legal contract. For internal development projects, you decide it is adequate to utilize a memorandum of understanding between the Architecture Board and the implementation organization.
You recommend that if a deviation from the Architecture Contract is detected, the Architecture Board grant a dispensation to allow the implementation organization the ability to customize the process to meet their local needs.
- D. You use the Architecture Contracts to manage the architecture governance processes for the project across the locations. You deploy monitoring tools to assess the performance of each completed turbine at each location and develop change requirements if necessary.
You recommend that if a deviation from the contract is detected, the Architecture Board should modify the Architecture Contract to allow the implementation organization the ability to customize the process to meet their local needs. As a result, you then issue a new Request for Architecture Work to implement the modified Architecture Definition.

Correct Answer: D

Section: Part 2



Explanation

Explanation/Reference:

QUESTION 129

Scenario:

Please read this scenario prior to answering the Question

You are serving as the Chief Architect for a large, global commodities trading company which has been growing rapidly through a series of acquisitions.

Each business is performing well in its markets. However, the lack of integration between headquarters and the business units has increasingly caused problems in the handling of customer and financial information. The inability to share information across businesses has resulted in lost opportunities to "leverage the synergies" that had been intended when the businesses were acquired. At present, each business unit maintains its own applications. Despite an earlier initiative to install a common application to manage customer, products, supplier, and inventory information, each business unit has different ways of defining each of these core elements and has customized the common application to the point where the ability to exchange information is difficult, costly, and error-prone.

As a result, the company has made the decision to introduce a single enterprise-wide application to consolidate information from several applications that exist across the lines of business. The application will be used by all business units and accessed by suppliers through well defined interfaces.

The Corporate Board is concerned that the new application must be able to manage and safeguard confidential customer information in a secure manner that meets or exceeds the legal requirements of the countries in which the company operates. This will be an increasingly important capability as the company expands its online services in cooperation with its trading partners.

The CIO has formed an Enterprise Architecture department, and one of the primary goals in its charter is to coordinate efforts between the implementation team and the business unit personnel who will be involved in the migration process. The CIO has also formed a cross-functional Architecture Board to oversee and govern the architecture. The company has an existing team of security architects.

TOGAF 9 has been selected for use for the Enterprise Architecture program. The CIO has endorsed this choice with the full support of top management.

Refer to the Scenario

In the Preliminary Phase you need to define suitable policies and ensure that the company has the appropriate capability to address the concerns of the Corporate Board.

Based on TOGAF 9, which of the following is the best answer?

- A. You start by clarifying the intent that the Board has for raising these concerns. This enables you to understand the implications of the concern in terms of regulatory requirements and the potential impact on current business goals and objectives. You propose that a security architect or security architecture team be allocated to develop a comprehensive security architecture and that this be considered an additional domain architecture.
- B. You evaluate the implications of the Board's concerns by examining the security and regulatory impacts on business goals, business drivers and objectives. Based on your understanding, you then update the current security policy to include an emphasis on the concerns. You define architecture principles to form constraints on the architecture work to be undertaken in the project. You then allocate a security architect to ensure that security considerations are included in the architecture planning for all domains.
- C. You identify and document the security and regulatory requirements for the application and the data being collected. You ensure that written policies are put in place to address the requirements, and that they are communicated across the organization, together with appropriate training for key employees. You identify constraints on the architecture and communicate those to the architecture team. You establish an agreement with the security architects defining their role within the ongoing architecture project.
- D. You evaluate the implications of the concerns raised by the Corporate Board in terms of regulatory requirements and their impact on business goals and objectives. Based on this understanding, you then issue a Request for Architecture Work to commence an architecture development project to develop a solution that will address the concerns. You allocate a security architect to oversee the implementation of the new application that is being developed.

Correct Answer: B

Section: Part 2

Explanation

Explanation/Reference:

Incorrect:

Not C: Implied that solution needs be developed to address the concern, instead of address the concern in the ERP solution itself.

QUESTION 130

What information does the Architecture Requirements Repository within the Architecture Repository hold?

- A. A log of the governance activity related to architecture requirements.
- B. A set of guidelines, templates, and patterns to support the development of architecture requirements.
- C. The parameters and structures to support governance of architecture requirements.
- D. The architecture requirements which have been agreed with the Architecture Board.

Correct Answer: D

Section: Part 2

Explanation

Explanation/Reference:

Reference: <https://pubs.opengroup.org/architecture/togaf9-doc/arch/chap37.html>

QUESTION 131

Scenario:

Please read this scenario prior to answering the Question

You have been assigned the role of Chief Enterprise Architect within a leading North American information technology services company. The company has a number of service portfolios including infrastructure, applications, business process outsourcing, accounting, and financial services.

With numerous practice areas and a multitude of diverse engagements underway at any given time, overall engagement management within the company has become challenging. The company does not want to risk its outstanding reputation or its international certifications and CMM ratings.

The Chief Executive Officer and Chief Information Officer have co-sponsored the creation of an Enterprise Architecture program based on TOGAF 9. An Architecture Board has been formed comprised of IT staff executives and executives from the major practice areas.

The Enterprise Architecture team has been working with the Strategic Planning team to create a strategic enterprise architecture to address these issues. The team has defined a framework and held workshops with key stakeholders to define a set of architecture principles to govern the architecture work. They have completed an Architecture Vision at a strategic level and laid out Architecture Definitions for the four domains. They have set out an ambitious vision of the future of the company over a five-year period. This includes a solution architecture including three distinct transformations.

The CIO has made it clear that prior to the approval of the detailed Implementation and Migration plan, the EA team will need to assess the risks associated with the proposed architecture. He has received concerns from some of the senior partners that the proposed architecture may be too ambitious and they are not sure it can produce sufficient value to warrant the attendant risks.

Refer to the Scenario

You have been asked to recommend an approach to satisfy these concerns.
Based on TOGAF 9, which of the following is the best answer?

- A. You recommend that before preparing the detailed Implementation and Migration plan, the EA team should review and consolidate the gap analysis results from Phases B to D to understand the transformations that are required to achieve the proposed Target Architecture. The EA team should assess the readiness of the organization to undergo change. Once the Solution Architecture has been assembled, it should be analyzed using a state evolution table to determine the Transition Architectures.
- B. You recommend that the EA team apply an interoperability analysis to evaluate any potential issues across the Solution Architecture. This should include the development of a matrix showing the interoperability retirements. Once all of the concerns have been resolved, the EA team should finalize the Architecture Roadmap and the Implementation and Migration Plan.
- C. You recommend that the EA team apply the Business Transformation Readiness Assessment technique which will allow the risks associated with the transformations to be identified and mitigated for, it will also identify improvement actions to be worked into the Implementation and Migration Plan. A Business Value Assessment should be used to determine the business value and associated risks for the transformation.
- D. You recommend that the EA team should gather information about potential solutions from the appropriate sources. Once the Solution Architecture has been assembled, it should be analyzed using a state evolution table to determine the Transition Architectures. A value realization process should then be established to ensure that the concerns raised are addressed.

Correct Answer: C

Section: Part 2

Explanation

Explanation/Reference:



QUESTION 132

Scenario:

Please read this scenario prior to answering the Question

You have been assigned the role of Lead Enterprise Architect for a manufacturing firm that specializes in musical instruments. The firm has been established for over 100 years, operating in North America for most of that time. In the last ten years, the firm has expanded into European markets and will soon establish a market in Latin America. A future expansion into the Asia Pacific region is also planned.

The firm is organized into several business units that each focus on manufacturing particular families of instruments such as brass, woodwind, and percussion. Each business unit has acquired other producers to expand its manufacturing capacity. This has resulted in a complex environment with a high diversity of business and manufacturing systems.

The Enterprise Architecture (EA) program within the firm has been functioning for several years. It has made significant progress in consolidating the technology portfolio and establishing key standards. The CIO and the COO are joint sponsors of the EA program. The EA program is mature, with an active Architecture Board and a well-defined architecture process and standard content templates based on the TOGAF 9 Architecture Content Framework. The EA process framework is well coordinated with the PMO, Systems Development, and Operations functions.

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The firm has completed a strategic plan to reorganize its Sales & Marketing organization according to the four target geographic markets. One of the goals of this reorganization is to improve the ability of Marketing to collect more meaningful market analytics that will enable each sector to better address market needs with effective marketing campaigns and global product presence.

A Request for Architecture Work to address the goals of the reorganization has been approved. As the architecture team commences its work, the CIO has expressed concerns about whether the firm will be able to adapt to the proposed architecture and how to manage the associated risks.



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Refer to the Scenario

You have been asked how to address the concerns of the CIO.

Based on TOGAF 9, which of the following is the best answer?

- A. In Phase B, the team should create a set of views that will enable them to identify the factors that will influence the successful introduction of the architecture into the organization. There should then be an assessment of each factor on a maturity scale that will allow the team to gauge the urgency, readiness, and degree of difficulty to fix. These factors can then be used to assess the initial risks associated with the proposed architecture.
- B. In Phase A the team should analyze their risk by completing an Implementation Factor Assessment and Deduction Matrix to identify the particular risks associated with the implementation and deployment. The matrix should include a list of factors to be considered, their descriptions, and constraints that should be taken into account. These factors can then used to assess the initial risks associated with the proposed architecture.
- C. In Phase A, the team should use the Business Transformation Readiness Assessment technique to identify the factors that will influence the successful introduction of the architecture into the organization. The assessment should include determining the readiness rating for each factor based on a maturity scale that will allow the team to gauge the urgency, readiness, and degree of difficulty to fix. These factors can then used to assess the initial risks associated with the proposed architecture.
- D. In Phase A, the team should conduct a Business Scenario to identify the stakeholders' concerns and the resulting retirements. Once the retirements have been identified, they can be assessed in terms of their risks. The risks should be evaluated in terms of how they could be avoided, transferred, or mitigated. Any risks that cannot be resolved should be identified as residual risks and their disposition should be decided by the Architecture Board.

Correct Answer: C

Section: Part 2

Explanation

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Explanation/Reference:

This scenario is upon Request for Architecture Work, which kicks off the Phase A, the Architecture Vision. In this phase, risk should be considered, which is also the CIO's concern in this scenario. One of the approaches in TOGAF is the Business Transformation Readiness Assessment.

Incorrect:

Not B: Implementation Factor Assessment and Deduction Matrix is used for implementation & migration planning (not B).

QUESTION 133

Scenario:

Please read this scenario prior to answering the Question

You are the Lead Architect for a firm that manufactures ball bearings used in industrial equipment applications. They have manufacturing operations in several cities in the United States, Germany, and the United Kingdom.

The firm has traditionally allowed each manufacturing plant to drive its own production planning systems. Each plant has its own custom Materials Requirements Planning, Master Production Scheduling, Bill of Materials, and Shop Floor Control systems.

"Just In Time" manufacturing techniques are used to minimize wastes caused by excessive inventory and work in process. The increasingly competitive business environment has compelled the firm to improve its business capability to be more responsive to the needs of industrial customers. To support this capability, the firm has decided to implement an Enterprise Resource Planning (ERP) solution that will enable it to better coordinate its manufacturing capacity to match the demands for its products across all plants. In addition, there are also new European regulations coming into force to which their manufacturing processes must conform in the next six months.

As part of the implementation process, the Enterprise Architecture (EA) department has begun to implement an architecture process based on TOGAF 9. The CIO is the sponsor of the activity. The Chief Architect has directed that the program should include formal modeling using the Architecture Content Framework and the TOGAF Content Metamodel. This will enable support for the architecture tooling that the firm uses for its EA program.

The Chief Architect has stated that in order to model the complex manufacturing process it will be necessary to model processes that are event-driven. Also, in order to consolidate applications across several data centers it will be necessary to model the location of IT assets. In particular, the end goal is to have the single ERP application running in a single data center.

Currently the project is in the Preliminary Phase, and the architects are tailoring the Architecture Development Method (ADM) and Architecture Content Framework to fit into the corporate environment.

Refer to the Scenario

You have been asked to recommend a response to the Chief Architect's request to tailor the TOGAF Content Metamodel.

Based on TOGAF 9, which of the following is the best answer?

- A. You recommend that the architecture team incorporate the Process Modeling and Infrastructure Consolidation extensions into their tailored Content Metamodel. As the environment is process-centric this will enable them to model the manufacturing processes and store information to support regulatory compliance. It also includes views useful for managing the consolidation of applications into a single data center.

- B. You recommend that the architecture team incorporate the Process Modeling and Governance extensions into their tailored Content Metamodel. This is suitable as this is a significant IT change that will impact its operational models. This will ensure that they include specific entities and attributes that will allow them to model the event-driven nature of the manufacturing processes more precisely.
- C. You recommend that the architecture team incorporates the Governance and Motivation Extensions into their tailored Content Metamodel. This would allow modeling of the target milestones they want to achieve with this consolidation of application to a single data center. These extensions will also enable demonstration of regulatory compliance for the manufacturing process.
- D. You recommend that the architecture team incorporates the Data and Services Extensions into their tailored Content Metamodel. This would allow modeling of the location of IT assets and ensure regulatory compliance for the manufacturing process. It will also allow for identification of redundant duplication of capability which will be needed for a successful consolidation to a single data center.

Correct Answer: B

Section: Part 2

Explanation

Explanation/Reference:

QUESTION 134

Scenario:

Please read this scenario prior to answering the Question

You are serving as the Lead Enterprise Architect at a major supplier in the automotive industry. The company is headquartered in Cleveland, Ohio with manufacturing plants across the United States, Brazil, Germany, Japan and South Korea. Each of these plants has been operating its own planning and production scheduling systems, as well as custom developed applications that drive the automated production equipment at each plant.

The company is implementing lean manufacturing principles to minimize waste and improve the efficiency of all of its production operations. During a recent exercise held for internal quality improvement, it was determined that a significant reduction in process waste could be achieved by replacing the current planning and scheduling systems with a common Enterprise Resource Planning (ERP) system located in the Cleveland data center. This central system would provide support to each of the plants replacing the functionality in the existing systems. It would also eliminate the need for full data centers at each of the plant facilities. A reduced number of IT staff could support the remaining applications. In some cases, a third-party contractor could provide those staff.

The Enterprise Architecture department has been operating for several years and has mature, well-developed architecture governance and development processes that are strongly based on TOGAF 9.

At a recent meeting, the Architecture Board approved a Request for Architecture Work sponsored by the Chief Engineer of Global Manufacturing Operations. The request covered the initial architectural investigations and the development of a comprehensive architecture to plan the transformation.

The Common ERP Deployment architecture project team has now been formed, and the project team has been asked to develop an Architecture Vision that will achieve the desired outcomes and benefits. Some of the plant managers have expressed concern about the security and reliability of moving their planning and production scheduling from a remote centralized system. The Chief Engineer wants to know how these concerns can be addressed.

Refer to the Scenario

During the initial meeting of the Common ERP Deployment architecture project team, a number of alternative recommendations for how to proceed are put forward by members of the team.

You have been asked to select the most appropriate recommendation to ensure that the team evaluates different approaches to the problem and clarifies the requirements for the architecture.

Based on TOGAF 9, which of the following is the best answer?

- A. The team should develop Baseline and Target Architectures for each of the manufacturing plants, ensuring that the views corresponding to selected viewpoints address key concerns of the stakeholders. A consolidated gap analysis between the architectures will then be used to validate the approach, and determine the capability increments needed to achieve the target state.
- B. The team should exercise due diligence and carefully research vendor literature and conduct a series of briefings with vendors that are on the current approved supplier list. Based on the findings from the research, the team should define a preliminary Architecture Vision. The team should then use that model to build consensus among the key stakeholders.
- C. The team should use stakeholder analysis to understand who has concerns about the initiative. The team should then hold a series of interviews at each of the manufacturing plants using the business scenario technique. This will then enable them to identify and document the key high-level stakeholder requirements for the architecture.
- D. The team should conduct a pilot project that will enable vendors on the short list to demonstrate potential solutions that will address the concerns of the stakeholders. Based on the findings of that pilot project, a complete set of retirements will be developed that will drive the evolution of the architecture.

Correct Answer: A

Section: Part 2

Explanation

Explanation/Reference:

QUESTION 135

Scenario

Please read this scenario prior to answering the Question

You have been assigned the role of Chief Enterprise Architect within a leading outsourcing services company. The company has over 20,000 outsourcing professionals and works on some of the world's largest outsourcing projects. Outsourcing services include business processes, infrastructure, and service management. The company also provides business consulting services. Roughly half of its turnover comes from the private sector and half from the public sector.

With numerous service areas and a large number of diverse engagements in progress at any given time, overall engagement management within the company has become challenging. The company has recently had a number of high profile projects that have overrun on budget and under delivered, thereby damaging its reputation and adversely impacting its share price.

The company has an established an Enterprise Architecture program based on the TOGAF standard, sponsored jointly by the Chief Executive Officer and Chief Information Officer. An Architecture Board has been formed comprised of IT staff executives and executives from the major service areas and consulting practice.

The Enterprise Architecture (EA) team has been working with the Strategic Planning team to create a strategic Enterprise Architecture to address these issues. The EA team has defined a framework and held workshops with key stakeholders to define a set of architecture principles to govern the architecture work. They have completed an Architecture Vision at a strategic level and laid out Architecture Definitions for the four domains. They have set out an ambitious vision of the future of the company over a five-year period. This includes a solution architecture including three distinct transformations.

The CIO has made it clear that prior to the approval of the detailed Implementation and Migration plan, the EA team will need to assess the risks associated with the proposed architecture. He has received concerns from some of the vice presidents across the company that the proposed architecture may be too ambitious and they are not sure it can produce sufficient value to warrant the attendant risks.

Refer to the Scenario

You have been asked to recommend an approach to satisfy these concerns.

Based on the TOGAF standard, Version 9.2, which of the following is the best answer?

- A. The EA team should bring together information about potential solutions from the appropriate sources. Once the target architecture has been assembled, it should be analyzed using a state evolution table to determine the Transition Architectures. A value realization process should then be established to ensure that the concerns raised are addressed.
- B. Before preparing the detailed Implementation and Migration plan, the EA team should review and consolidate the gap analysis results from Phases B to D to understand the transformations that are required to achieve the proposed Target Architecture. The EA team should then assess the readiness of the organization to undergo change. Once the architecture has been assembled, it should be analyzed using a state evolution table to determine the Transition Architectures.
- C. The EA team should apply an interoperability analysis to evaluate any potential issues across the architecture. This should include the development of a matrix showing the interoperability requirements. Once all of the concerns have been resolved, the EA team should finalize the Architecture Roadmap and the Implementation and Migration Plan.
- D. The EA team should evaluate the organization's readiness to undergo change. This will allow the risks associated with the transformations to be identified and mitigated for. It will also identify improvement actions to be worked into the Implementation and Migration Plan. The Business Value Assessment technique should then be used to determine the business value and associated risks for the transformation.

Correct Answer: D

Section: Part 2

Explanation

Explanation/Reference:

QUESTION 136

Scenario

Please read this scenario prior to answering the Question

Your role is consultant to the Lead Architect within a multinational semiconductor and software design company. Its largest business is in processors, although it also designs system-on-a-chip infrastructure and manufactures memory chips. A characteristic feature of its processors is their low electric power consumption, which makes them particularly suitable for use in portable devices. As well as licensing its technology, the company has several manufacturing divisions. The company has a mature enterprise architecture practice and uses TOGAF 9 for the basis of its architecture framework. In addition to the EA program, the company has a number of management frameworks in use, including business planning, portfolio/project management, and operations management. The EA program is sponsored by the CIO.

The company has defined a strategic architecture to improve its ability to meet customer demand and improve its ability to manage its supply chain. The strategic architecture called for the consolidation of multiple Enterprise Resource Planning (ERP) applications that have been operating independently in the divisions' production facilities. The goal is to replace the functionality of the existing applications with a new ERP product running as a single instance in the company's primary data center.

Each division has completed the Architecture Definition documentation required to tailor and configure the environment to meet its own specific manufacturing requirements.

The enterprise architects have analyzed the key corporate change attributes and implementation constraints. A consolidated gap analysis has been completed which has identified the gaps across the Business, Data, Application, and Technology domains. Based on the results of the gap analysis, the architects have reviewed the requirements, dependencies and interoperability requirements needed to integrate the new ERP environment into the existing environment. The architects have completed the Business Transformation Readiness Assessment started in Phase A. Based on all of these factors they have produced a risk assessment. They have also completed the Implementation and Migration Plan v0.1, the draft Architecture Roadmap, and the Capability Assessment deliverables.

Because of the risks posed by the complexity of the current environment, it has been determined that a phased approach is needed to implement the target architectures. The overall implementation process is estimated to take several years.

Refer to the Scenario

You have been asked to recommend the next steps to prepare the final Implementation and Migration Plan.

Based on TOGAF, which of the following is the best answer?

- A. You recommend that the enterprise architects apply the Business Value Assessment Technique to prioritize the implementation projects and project increments. The assessment should focus on return on investment and performance evaluation criteria that can be used to monitor the progress of the architecture transformation. They should confirm the Transition Architecture phases using an Architecture Definition Increments Table to list the projects. They should then document the lessons learned and generate the final Implementation and Migration Plan.
- B. You recommend that the enterprise architects conduct a series of Compliance Assessments to ensure that the architecture is being implemented according to the contract. The Compliance Assessment should verify that the implementation team is using the proper development methodology. It should include deployment of monitoring tools and ensure that performance targets are being met. If they are not met, then changes to performance requirements should be identified and updated in the Implementation and Migration Plan.

- C. You recommend that the enterprise architects assess how the plan impacts the other frameworks in use in the organization. Minimally, the plan should be coordinated with the business planning, portfolio/project management and operations management frameworks. They should then assign a business value to each project, taking into account available resources and priorities for the projects. Finally, they should generate the Implementation and Migration Plan.
- D. You recommend that the enterprise architects place the Architecture Definition Document under configuration control. This will ensure that the architecture remains relevant and responsive to the needs of the enterprise. They should then produce an Implementation Governance Model to manage the lessons learned prior to finalizing the plan. You recommend that lessons learned be applied as changes to the architecture without review.

Correct Answer: C

Section: Part 2

Explanation

Explanation/Reference:

QUESTION 137

Scenario

Please read this scenario prior to answering the Question

You are working as a consultant to the Chief Architect at a government agency responsible for securing all government communications and information systems. The agency has recently received funding for a program that will upgrade the reliability and performance of its secure communication systems which provide realtime, highly secure communication of voice, video, and message data to remote locations around the world.

The agency has an established enterprise architecture (EA) capability based on TOGAF 9. The Executive Director of the agency is the sponsor of the EA capability.

Since reliable, high-performance, and secure communications are essential to preserving national security, the Executive Director has placed more stringent requirements for the architecture for the upgraded system. It must be able to provide assurance and verification of specific performance measures on the key services that are most crucial for system operation. Focusing on these service-level details and specific measurements will allow more stringent requirements to be enforced in service contracts. It will also provide a high degree of assurance that necessary performance is being delivered and that notifications will occur if any critical service fails to perform as required.

A portion of the program budget has been allocated to context a review of the EA. The scope of the review is to evaluate the processes, content and governance of the EA capability to ensure that the higher target performance and service levels required by the upgraded system can be achieved.

The Chief Architecture has noted that the core EA artifacts that have been used since TOGAF 9 was introduced are not adequate to describe these new capabilities. The artifacts do not have explicit provisions for defining the in-depth measurement requirements regarding specific services required for the system. She has learned that certain services within the current system have service measurement implementations that match some of the new requirements, but they are only used in a few areas.

Recent EA efforts at another national agency have produced generalized high-performance communication system models to realize similar requirements in a critical defense system involving secure communications. It is possible that these models may be useful for the upgrade program.

Refer to the Scenario

You have been asked to make recommendations for tailoring the Architecture Content Metamodel to accommodate the requirements of the upgraded system. Based on TOGAF, which of the following is the best answer?

- A. Since some artifacts will now require specific measurements and additional data will be needed to support the performance objectives linked to these measurements, you recommend that the motivation and governance extensions of the TOGAF 9 Content Metamodel are used. Using these extensions will allow modeling the goals, objectives and drivers for the architecture, linking them to service levels and more detailed governance models. This will also enable the ability to re-use existing profiles, customizing them for the various service contracts involved.
- B. You recommend all of the TOGAF 9 Content Metamodel extensions be incorporated into the Architecture Content Metamodel. The full Content Metamodel will enable the EA team to capture and categorize all the important additional data needs to support the performance and measurement objectives linked to these artifacts. Once the new repository content has been implemented, on-demand queries can be used to generate a customized governance stakeholder view that isolates the artifacts and data needed to assess measurement for any particular service. If this view is found to be inadequate for the governance concerns, the service models within those artifacts can be expanded.
- C. Since this case requires extensions of the modeling and data details of the service, this is best done by using the services extension of the TOGAF 9 Content Metamodel. By using this extension, the service model is no longer constrained by what is expected in typical business service definitions, allowing more flexibility for adding customized models to support the more stringent measurement requirements. The services extension can also be used to map terminology between the business services and the application components.
- D. To support the type of stringent performance measurements needed for the more detailed governance views required for the upgraded system, the interfaces to the communication and network layer of the architecture must be highly visible at the application level. To accommodate the proper development of this, a Communications Engineering view should be created from the infrastructure extension models of the TOGAF Content Metamodel. This view will allow architects to align the required performance measurement communications across the system.

Correct Answer: C

Section: Part 2

Explanation

Explanation/Reference:

QUESTION 138

Scenario

Please read this scenario prior to answering the question

Your role is that of the Lead Architect working for a government agency responsible for immigration, customs, and border control. The agency was formed by consolidating several smaller government agencies. The agency has established an Enterprise Architecture practice based on TOGAF 9. The CIO is the executive sponsor and has appointed an EA steering team to oversee the practice.

There has been a considerable increase in security requirements and immigration service requests in recent years, which have expanded the scope and size of the operations of the agency. As a result, the existing Information Technology architecture no longer meets the required service levels. A significant Enterprise Architecture (EA) initiative is in progress with the opal to improve customer responsiveness and satisfaction, and improve the overall operational efficiency of the agency.

The current EA staff members were internal appointments based on a request from the EA steering team to supply a number of suitable individuals for the EA effort. Collectively, they possess a broad range of IT and business analysis skills. However, the CIO has expressed concern about the diverse range of experience within the team. There is concern that the EA staff may be lacking in some of the critical skills that are required to properly conduct EA activities. It had been assumed that any EA-related skill gaps would be overcome by on-the-job mentoring from the senior members of the EA staff. Each architect was expected to attend a TOGAF training course and participate in other skill development activities.

A recent review of the EA program revealed that many EA staff members, despite attending multi-day training courses, were not proficient in analyzing or creating the models and artifacts required for their assigned architecture projects. Stakeholders have observed errors and inconsistencies in artifacts and deliverables being submitted for review.

Refer to the Scenario

The CIO has asked you to recommend a professional development plan for the EA staff in order to address the findings raised in the recent review. Based on TOGAF, which of the following is the best answer?

- A. You recommend that a comprehensive evaluation of key team leader skills be made using the TOGAF Architecture Skills Framework. Based on the evaluations, you will recommend the necessary staff changes. This will ensure that the team leaders have the necessary skills and experience for the architecture tasks within the agency. The role and skill categories defined in the TOGAF Architecture Skills Framework should then be shared with the department leaders so that in the future, they can make more informed choices when providing internal candidates for the EA team.
- B. You recommend that an architecture maturity assessment should be conducted. This will identify the practices on which the agency should focus to see the greatest improvement and ensure that the basic enterprise architecture process is documented. As part of the assessment, all of the team leaders should be interviewed and their qualifications assessed. In order to rectify areas of low proficiency, they are expected to attend additional EA training courses. When the team leaders have achieved the desired levels of proficiency, they should apply a similar process for their staff members.
- C. You recommend that you work with the EA steering team to adapt the TOGAF Architecture Skills Framework for use within the architecture practice at the agency. The categories of architecture roles, the required skills for each role and the desired level of proficiency for each role and skill will be defined by this framework. Each team member, or prospective team member, can then be evaluated for suitability against these roles and skills. Staffing and training adjustments can then be made as necessary to close gaps that are discovered.
- D. You recommend that to address the issues identified in the review, the experienced team leaders should mentor the junior team members. At the same time additional training should be provided. Since it is now known that some models are improperly defined and may have caused cascading errors in other parts of the architecture, you recommend an iteration of the Migration Planning phase occur, so as to develop a coordinated transition to a new baseline using the last known good architecture. Once the artifacts are consistent and correct, these can be applied to this new baseline.

Correct Answer: C

Section: Part 2

Explanation

Explanation/Reference:

QUESTION 139

Scenario

Please read this scenario prior to answering the Question

You are serving as the Lead Architect for an enterprise architecture project team within a leading multinational pharmaceutical and medical devices manufacturer. Its brands include numerous household names for medications and first aid supplies.

The company has a long history of innovating new treatments for many common illnesses and diseases. Prior to launching a new treatment, the company has to demonstrate its effectiveness and safety in a set of clinical trials that satisfy the regulatory requirements of the countries in the target markets. All clinical trials are undertaken by its research laboratories, which employ over 10,000 people at separate facilities in the United Kingdom, United States, Sweden, France, Canada, India, China and Japan. In addition to internal research and development activities the company is also involved in publicly funded collaborative research projects, with other industrial and academic partners.

The Enterprise Architecture group within the company has been engaged in an architecture development project to create a secure networked collaboration system that will allow researchers at its product development laboratories worldwide to share information about their clinical trials. This system will also connect with external partners.

The Enterprise Architecture group within the company has been engaged in an architecture development project to create a secure networked collaboration system that will allow researchers at its product development laboratories worldwide to share information about their clinical trials. This system will also connect with external partners.

The Enterprise Architecture group is a mature organization. They use the TOGAF 9 ADM with extensions required to support current good manufacturing practices and good laboratory practices in their target markets. Due to the highly sensitive nature of the information that is managed, special care was taken to ensure that each architecture domain included an examination of the security and privacy issues that are relevant.

The Executive Vice President for Clinical Research is the sponsor of the Enterprise Architecture activity. She has stated that the changes to the enterprise architecture for the new system will need to be rolled out in stages on a regional basis that minimizes disruptions to ongoing clinical trials.

Refer to the Scenario

You have been asked to recommend the approach to identify the work packages that will be included in the Transition Architecture(s).

Based on TOGAF, which of the following is the best answer?

- A. Determine the set of Solution Building Blocks required by identifying which Solution Building Blocks need to be developed and which need to be procured. Eliminate any duplicate building blocks. Group the remaining Solution Building Blocks together to create the work packages using a CRUD matrix. Rank the work packages in terms of cost and select the most cost-effective options for inclusion in a series of Transition Architectures. Schedule the roll out of the work packages to be sequential across the geographic regions.

- B. Create an Implementation Factor Assessment and Deduction Matrix and a Consolidated Gaps, Solutions and Dependencies Matrix. For each gap, identify a proposed solution and classify it as new development, purchased solution, or based on an existing product. Group similar solutions together to form work packages. Identify dependencies between work packages factoring in the clinical trial schedules. Regroup the packages into a set of Capability Increments scheduled into a series of Transition Architectures.
- C. Group the Solution Building Blocks from a Consolidated Gaps, Solutions and Dependencies Matrix into a set of work packages. Using the matrix as a planning tool, regroup the work packages to account for dependencies. Sequence the work packages into the Capability Increments needed to achieve the Target Architecture. Schedule the rollout one region at a time. Document the progression of the enterprise architecture using a state evolution table.
- D. Use a Consolidated Gaps, Solutions and Dependencies Matrix as a planning tool. For each gap classify whether the solution is either a new development, purchased solution, or based on an existing product. Group the similar solutions together to define the work packages. Regroup the work packages into a set of Capability Increments to transition to the Target Architecture taking into account the schedule for clinical trials.

Correct Answer: D

Section: Part 2

Explanation

Explanation/Reference:

QUESTION 140

Which model within TOGAF is intended to assist with the release management of the TOGAF specification?

- A. The Capability Maturity Model
- B. The Document Categorization Model
- C. The Integrated Infrastructure Information Model
- D. The Organizational Model for Enterprise Architecture
- E. The Technical Reference Model

Correct Answer: B

Section: Part 2

Explanation

Explanation/Reference:

QUESTION 141

Which one of the following lists the main components within the TOGAF Architecture Repository?

- A. OrganizationalMetamodel, Architecture Capability, Architecture Landscape, Best Practices, Reference Library, Compliance Strategy.
- B. ArchitectureMetamodel, Organizational Capability Model, Application Landscape, SIB, Ref-erence Library, Governance Model.
- C. BusinessMetamodel, Architecture Capability, Architecture Landscape, SIB, Reference Li-brary, Governance Log.
- D. ArchitectureMetamodel, Architecture Capability, Architecture Landscape, SIB, Reference Library, Governance Log.

Correct Answer: D

Section: Part 2

Explanation

Explanation/Reference:

QUESTION 142

Which one of the following describes classification methods for architecture and solution arti-facts within the Architecture Repository?

- A. Architecture Landscape
- B. Architecture Vision
- C. Enterprise Continuum
- D. Governance Log
- E. Standards Information Base



Correct Answer: C

Section: Part 2

Explanation

Explanation/Reference:

QUESTION 143

What part of the Architecture Repository holds specifications to which architectures must conform?

- A. Standards Information Base
- B. Enterprise Continuum
- C. Governance Log
- D. Architecture Landscape
- E. Reference Library

Correct Answer: A
Section: Part 2

Explanation

Explanation/Reference:

QUESTION 144

An association of companies has defined a data model for sharing inventory and pricing information. Which of the following best describes where this model would fit in the Architecture Continuum?

- A. Foundation Architecture
- B. Common Systems Architecture
- C. Industry Architecture
- D. Organization Specific Architecture
- E. Product Line Architecture

Correct Answer: C
Section: Part 2



Explanation

Explanation/Reference:

QUESTION 145

Which one of the following is a key objective of Phase A of the TOGAF ADM?

- A. To create a roadmap that describes the evolution of the architecture over time
- B. To prepare a Solution Architecture for the enterprise
- C. To define an IT Strategy that maps out the technology infrastructure
- D. To allocate the resources needed to implement the architecture project
- E. To articulate an Architecture Vision

Correct Answer: E
Section: Part 2

Explanation

Explanation/Reference:

QUESTION 146

Complete the sentence. A server consolidation project that does not change the operating characteristics of the applications would require _____.

- A. a complete ADM cycle
- B. a complete re-architecting change
- C. a full revision of the enterprise architecture
- D. an incremental change
- E. a simplification change

Correct Answer: E

Section: Part 2

Explanation

Explanation/Reference:



QUESTION 147

Which one of the following is an objective of the Preliminary Phase of the ADM?

- A. To define, scope and prioritize architecture tasks
- B. To define the architecture principles
- C. To develop a Target Business Architecture
- D. To obtain management commitment for this cycle of the ADM ActualTests.com
- E. To prioritize work packages

Correct Answer: B

Section: Part 2

Explanation

Explanation/Reference:

QUESTION 148

In the Preliminary Phase, which of the following drives the requirements and performance metrics when scoping the enterprise architecture work?

- A. Architecture governance
- B. Business imperatives
- C. Solution architecture
- D. Service level agreements
- E. Time horizon

Correct Answer: B

Section: Part 2

Explanation

Explanation/Reference:

QUESTION 149

The Requirements Management Phase is responsible for which one of the following activities?

- A. Addressing requirements
- B. Disposal of resolved requirements
- C. Generating requirements
- D. Managing the flow of requirements
- E. Prioritizing requirements

Correct Answer: D

Section: Part 2

Explanation

Explanation/Reference:

QUESTION 150

Which of the following statements does NOT correctly describe Architecture Principles?

- A. They are most effective when they are embraced and used across the organization

- B. They are based on enterprise principles
- C. They are detailed policies that prescribe behaviors and requirements
- D. Even though they may appear generic, they should be tailored to reflect an organization's culture and goals

Correct Answer: C

Section: Part 2

Explanation

Explanation/Reference:

QUESTION 151

Complete the sentence. All of the following are parts of the conceptual structure of the TOGAF Architecture Governance Framework, except _____

- A. Content
- B. Context
- C. Process Flow Control
- D. Repository
- E. Vision



Correct Answer: E

Section: Part 2

Explanation

Explanation/Reference:

QUESTION 152

TOGAF provides guidelines on how to use the ADM to establish an architecture capability. Which one of the following is NOT a correct guideline?

- A. Use the same approach as with any other capability
- B. Regard the establishment as an ongoing practice
- C. Apply the ADM with the specific vision to establish the practice
- D. Treat the establishment as a one-off project

Correct Answer: D

Section: Part 2

Explanation

Explanation/Reference:

QUESTION 153

Which one of the following is defined by TOGAF as: the fundamental organization of a system embodied in its components, their relationship to each other, and the principles guiding its design and evolution?

- A. Architecture
- B. Metamodel
- C. Model
- D. Ontology
- E. Pattern

Correct Answer: A

Section: Part 2

Explanation



Explanation/Reference:

QUESTION 154

Which one of the following statements about TOGAF Building Blocks is NOT true?

- A. They should not be reused in other enterprise architecture projects
- B. They should have stable, published interfaces that allow other building block to interoperate with them
- C. They are packages of functionality intended to meet the business needs across the organization
- D. They have defined boundaries

Correct Answer: A

Section: Part 2

Explanation

Explanation/Reference:

QUESTION 155

Which pair of the following responses best completes the sentence? Architecture building blocks _____, whereas Solution Building blocks _____

- A. are assembled; are single function components
- B. are single function components; are groups of architecture building blocks
- C. are reusable; are not reusable
- D. define the architecture; provide the existing legacy system
- E. define functionality; define the implementation of functionality

Correct Answer: E

Section: Part 2

Explanation

Explanation/Reference:



QUESTION 156

According to TOGAF, who usually initiates a Request for Architecture Work?

- A. The architecture organization
- B. The CIO/CTO
- C. The corporate governance board
- D. The senior management
- E. The sponsoring organization

Correct Answer: E

Section: Part 2

Explanation

Explanation/Reference:

QUESTION 157

Complete the sentence. The Integrated Information Infrastructure Reference Model (III-RM) is an example of a (n) _____ Architecture reference model

- A. Application
- B. Business
- C. Data
- D. Technology

Correct Answer: A

Section: Part 2

Explanation

Explanation/Reference:

QUESTION 158

Complete the sentence. According to TOGAF, the simplest way of thinking about the Enterprise Continuum is as a _____

- A. Configuration Database
- B. library of architecture artifacts
- C. Requirements Management System
- D. Standards Information Base
- E. view of the Architecture Repository

Correct Answer: E

Section: Part 2

Explanation

Explanation/Reference:

QUESTION 159

Which one of the following is the most generic artifact in the Architecture Continuum?

- A. Common Systems Architecture
- B. Foundation Architecture
- C. Industry Architecture

- D. Organization Specific Architecture
- E. Product Line Architecture

Correct Answer: B

Section: Part 2

Explanation

Explanation/Reference:

QUESTION 160

Which one of the following best describes a primary use of the Architecture Vision document?

- A. A checklist for compliance reviews
- B. An evaluation tool to select vendors to conduct a proof of concept demonstration
- C. A tool for calculating detailed cost estimates
- D. A tool for project planning the implementation activities ActualTests.com
- E. A tool for selling the benefits of the proposed capability to stakeholders

Correct Answer: E

Section: Part 2

Explanation

Explanation/Reference:

QUESTION 161

Which of the following is NOT an objective for Phase B, Business Architecture?

- A. Defining the Strategic Business Plan
- B. Describing the Baseline Business Architecture
- C. Developing the Target Business Architecture
- D. Selecting relevant viewpoints for key stakeholders "Pass Any Exam. Any Time."

Correct Answer: A

Section: Part 2

Explanation

Explanation/Reference:

QUESTION 162

Which one of the following is the most relevant model for use in Phase C, Application Architecture?

- A. The ARTS data model
- B. The Integrated Information Infrastructure Reference Model
- C. The Resource-Event-Agent model
- D. The STEP framework
- E. The TOGAF Technical Reference Model

Correct Answer: B

Section: Part 2

Explanation

Explanation/Reference:

QUESTION 163

Which one of the following is NOT part of the approach to Phase H -Architecture Change Management?

- A. Business Scenarios
- B. Capacity Measurement
- C. Change Management
- D. Measuring Business Growth

Correct Answer: A

Section: Part 2

Explanation

Explanation/Reference:

QUESTION 164

When determining the requirements for enterprise architecture work in the Preliminary Phase, which of the following is not a business imperative that should be considered?

- A. Business requirements
- B. Cultural aspirations

- C. Forecast financial requirements
- D. Strategic Intent
- E. Technical elegance

Correct Answer: E

Section: Part 2

Explanation

Explanation/Reference:

QUESTION 165

Which phase of the ADM is an on-going activity that is visited throughout a TOGAF architecture project?

- A. Architecture Change Management
- B. Implementation governance
- C. Migration planning
- D. Preliminary Phase
- E. Requirements Management



Correct Answer: E

Section: Part 2

Explanation

Explanation/Reference:

QUESTION 166

The statement, "Getting information to the right people at the right time in a secure, reliable man-ner in order to support the operations that are core to the extended enterprise" describes the concept of _____

- A. Boundaryless Information Flow
- B. Interoperability
- C. Portability
- D. Service Oriented Architecture
- E. Semantic Web

Correct Answer: A
Section: Part 2

Explanation

Explanation/Reference:

QUESTION 167

Which one of the following is recommended to define requirements and articulate the Architecture Vision created in Phase A?

- A. Business scenario
- B. Impact analysis
- C. Mission statement
- D. Requirements analysis
- E. Solution architecture

Correct Answer: A
Section: Part 2

Explanation

Explanation/Reference:



QUESTION 168

Which one of the following does TOGAF Part VII recommend in order to implement an Enter-prise Architecture Capability?

- A. Develop an Architecture Roadmap
- B. Populate the Architecture Repository
- C. Populate the Enterprise Continuum
- D. Use the Architecture Development Method
- E. Use the Implementation Governance Phase

Correct Answer: D
Section: Part 2

Explanation

Explanation/Reference:

QUESTION 169

Which one of the following is an essential aspect of architecture governance?

- A. Authoring the Architecture Definition Document
- B. Ensuring the compliance of individual projects to the enterprise architecture
- C. Controlling the implementation and deployment organizations
- D. Authoring the Communications Plan for a given architecture project
- E. Conducting Business Scenarios

Correct Answer: B

Section: Part 2

Explanation

Explanation/Reference:

QUESTION 170

Which one of the following describes a purpose of an Architecture Compliance review?

- A. To define the capabilities of the organization
- B. To communicate the technical readiness of the project
- C. To evaluate the readiness of the organization to undergo change
- D. To produce a new Request for Architecture Work

Correct Answer: B

Section: Part 2

Explanation

Explanation/Reference:

QUESTION 171

Complete the sentence by selecting the applicable pair of words. According to TOGAF, a/an _____ is used to describe the _____ of a stakeholder.

- A. activity model, perspective

- B. viewpoint, requirements
- C. view, concerns
- D. Node Connectivity Diagram, interconnections
- E. Architecture trade-off analysis, constraints

Correct Answer: C

Section: Part 2

Explanation

Explanation/Reference:

QUESTION 172

Complete the sentence. In TOGAF, every architecture view has an associated ____ that describes it, at least implicitly.

- A. architecture building block
- B. architecture model
- C. architecture vision
- D. requirement
- E. viewpoint



Correct Answer: E

Section: Part 2

Explanation

Explanation/Reference:

QUESTION 173

Complete the sentence. In TOGAF, legacy systems and processes that are going to be used again in the future are considered _____

- A. Architecture Building Blocks
- B. Components
- C. Patterns
- D. Re-usable Building Blocks
- E. Solution Building Blocks

Correct Answer: D

Section: Part 2

Explanation

Explanation/Reference:

QUESTION 174

According to TOGAF, where should architecture governance artifacts be stored?

- A. In the Integrated Information Infrastructure Reference Model
- B. In the Standards Information Base
- C. In the Foundation Architecture
- D. In the Architecture Repository

Correct Answer: D

Section: Part 2

Explanation

Explanation/Reference:



QUESTION 175

Which one of the following best describes the implications of TOGAF being a generic frame-work?

- A. The organization must utilize an architecture tool in order to tailor the templates for use
- B. It must be adapted to satisfy organization specific requirements
- C. It can be utilized by most enterprises without further customization
- D. It can only be used for enterprise level architecture projects
- E. It should only be employed under the supervision of highly trained consultants

Correct Answer: B

Section: Part 2

Explanation

Explanation/Reference:

QUESTION 176

Which of the following is the architecture domain that describes the logical software and hardware capabilities?

- A. Application Architecture
- B. Business Architecture
- C. Data Architecture
- D. Technology Architecture

Correct Answer: D

Section: Part 2

Explanation

Explanation/Reference:

QUESTION 177

Which section of the TOGAF document describes the processes, skills and roles to establish and operate an architecture function within an enterprise?

- A. Part II: Architecture Development Method
- B. Part III: ADM Guidelines and Techniques
- C. Part IV: Architecture Content Framework
- D. Part VI: TOGAF Reference Models
- E. Part VII: Architecture Capability Framework



Correct Answer: E

Section: Part 2

Explanation

Explanation/Reference:

QUESTION 178

Which one of the following is NOT an element of an architecture framework?

- A. A common vocabulary
- B. A list of recommended standards
- C. A method for designing an information system in terms of building blocks
- D. A set of structures which can be used to develop a broad range of architectures

E. A system development lifecycle method for software engineering

Correct Answer: E

Section: Part 2

Explanation

Explanation/Reference:

QUESTION 179

According to the TOGAF Document Categorization Model, which category is for resources NOT referenced by content within the other categories?

- A. TOGAF Core
- B. TOGAF Extension
- C. TOGAF Mandatory
- D. TOGAF Recommended
- E. TOGAF Supporting

Correct Answer: E

Section: Part 2

Explanation

Explanation/Reference:

QUESTION 180

Which phase of the ADM is used to finalize a set of transition architectures that will support implementation?

- A. Phase D
- B. Phase E
- C. Phase F D. Phase G
- E. Phase H

Correct Answer: C

Section: Part 2



Explanation

Explanation/Reference:

QUESTION 181

According to TOGAF, the recommended dimensions used to define the scope of an architecture include all the following, except:

- A. Architecture Domains
- B. Enterprise Focus
- C. Level of Detail
- D. Subject Matter
- E. Time Period

Correct Answer: D

Section: Part 2

Explanation

Explanation/Reference:



QUESTION 182

Which phase of the TOGAF ADM is the first phase directly concerned with the planning for the implementation of the target architecture(s)?

- A. Phase D
- B. Phase E
- C. Phase F
- D. Phase G
- E. Phase H

Correct Answer: B

Section: Part 2

Explanation

Explanation/Reference:

QUESTION 183

Scenario:

Please read this scenario prior to answering the question

Your role is that of the Lead Enterprise Architect at a multinational automotive corporation. The company is headquartered in Germany, and manufactures cars, trucks and buses. It has manufacturing plants across North America, South America, Europe and Asia. Each of these plants has been operating its own planning and production scheduling systems, as well as custom developed applications that drive the automated production equipment at each plant.

The company has an ongoing initiative to improve the efficiency of all of its production operations, and in particular to reduce its carbon footprint. During a recent exercise held for internal quality improvement, it was determined that a significant reduction in energy usage could be achieved by replacing the current planning and scheduling systems with a common Enterprise Resource Planning (ERP) system located in one central data center. This central system would provide support to each of the plants replacing the functionality in the existing systems. It would also eliminate the need for full data centers at each of the plant facilities.

The Enterprise Architecture department has been operating for several years and has mature, well-developed architecture governance and development processes that are based on TOGAF standard.

At a recent meeting, the Architecture Board approved a Request for Architecture Work sponsored by the global CIO. The request covered the initial architectural investigations and the development of a comprehensive architecture to plan the transformation.

The architecture project team has now been formed, and has been asked to develop an Architecture Vision that will achieve the desired outcomes and benefits. Some of the plant managers have expressed concern about the security and reliability of driving their planning and production scheduling from a remote centralized system. The CIO wants to know how these concerns can be addressed. During the initial project team meeting a number of alternative recommendation for how to proceed have been put forward by members of the team.

Refer to the Scenario

You have been asked to select the most appropriate recommendation to ensure that the team evaluates different approaches to the problem and clarifies the requirements for the architecture.

Based on the TOGAF standard, Version 9.2, which of the following is the best answer?

- A. The team should exercise due diligence and carefully research vendor literature and conduct a series of briefings with vendors that are on the current approved supplier list. Based on the findings from the research, the team should define a preliminary Architecture Vision. The team should then use that model to build consensus among the key stakeholders.
- B. The team should identify the individuals and groups within the organization who will contribute to the project, in order to understand who has concerns about the initiative. The team should then hold a series of interviews at each of the manufacturing plants using the business scenario technique. This will then enable them to identify and document the key high-level stakeholder requirements for the architecture.
- C. The team should utilize its approved supplier list, and conduct a pilot project that will enable those suppliers to demonstrate potential solutions that will address the concerns of the stakeholders. Based on the findings of that pilot project, a complete set of requirements will be developed that will drive the evolution of the architecture.

- D. The team should perform a shallow architecture development iteration, developing Baseline and Target Architectures for each of the manufacturing plants. This should include development of a set of views corresponding to selected viewpoints that address key concerns of the stakeholders. A consolidated gap analysis between the architectures will then be used to validate the approach and determine the capability increments needed to achieve the target state.

Correct Answer: B

Section: Part 2

Explanation

Explanation/Reference:

QUESTION 184

Scenario:

Please read this scenario prior to answering the question

Your role is that of Lead Enterprise Architect working at the headquarters of a fast food chain. The chain manages over 7500 restaurants across 33 countries. Each restaurant in the chain is an independently owned and operated franchise.

Many of the restaurants still use the first generation IT systems deployed over 10 years ago. The Chief Operating Officer (COO) of the chain has stated his concerns about the inefficiencies of the current systems and identified the need to change. He has defined a new strategic vision that will enhance the business including providing its franchisees new support services to help them address the increasing competition from coffee shops. This is part of the long-term commitment to enhance the brand image and increase revenue for the chain. He has also stated that he expects improved financial results by the end of the current fiscal year.

The changes will help provide the chain with improved products, including healthier alternatives in the menu, and more efficient operations. The addition of a corporate-wide data warehouse will provide analytics that will enable the marketing group to improve its ability to target advertising and new products to specific regions.

The chain has a mature Enterprise Architecture practice based in its headquarters and uses the TOGAF standard as the method and guiding framework. The CIO is the sponsor of the activity.

In planning this change, the Chief Architect engaged the services of a well-known consulting firm that specializes in business strategy. An initial study has been conducted to identify the strategic changes needed to implement the COO's vision. This recently completed with approval of a strategic architecture encompassing the entire chain, including detailed requirements and recommendations.

Based on the recommendation from the initial study, the decision has been taken for the chain to adopt a packaged suite of integrated application that is tailored to the needs of the franchise.

Refer to the scenario.

You have been asked by the Chief Architect to propose the best approach for architecture development to realize the COO's vision.

Based on the TOGAF standard, Version 9.2, which of the following is the best answer?

- A. You propose that the target architecture is defined first by going through the architecture definition phases (B-D). This is because the initial study identified the need to change. This will ensure that the change can be defined in a structured manner and address the requirements needed to realize the vision.
- B. You propose that the baseline Technology Architecture is defined first in order to assess current infrastructure capacity and capability. Then the focus should be on transition planning and architecture deployment. This will identify requirements to ensure that the projects are sequenced in an optimal fashion so as to realize the vision.
- C. You propose that the target architecture is defined first, followed by transition planning. This is because the vision is well understood and the strategic architecture agreed. The target first approach will ensure that the current problems and inefficiencies of the baseline architecture are not carried forward, and that the proposed solution addresses the requirements identified in the initial study.
- D. You propose that the focus be placed on architecture definition, with emphasis on understanding the strategic change parameters. The requirements, drivers, issues and constraints for this engagement can then be identified. You would ensure that the target architecture addresses not functional requirements so as to ensure the target architecture is robust and secure.

Correct Answer: A

Section: Part 2

Explanation

Explanation/Reference:



QUESTION 185

Scenario

Please read this scenario prior to answering the Question

You are serving as the Lead Architect for a chain of convenience stores. The stores operate 24 hours a day and 7 days a week and use cloud-based point-of-sale (POS) technology to manage their sales and inventory. Cloud-based POS systems store all user data, including sales and inventory in a remote server. The cloud-based systems collect real-time data to support ordering and product selection decisions including the tailoring of product assortment based on sales history, customer demographics as well as the next day's weather forecast. In many cases, several stores are located in neighboring areas. This strategy makes distribution to each store cheaper, as well as making multiple deliveries per day possible. The stores also act as self-service delivery locations for a large online retailer which further increases the number of potential customers entering the stores.

An Enterprise Architecture practice exists within the company, with the CEO and CIO as joint sponsors. They have decided to adopt TOGAF standard within the practice and the first project is to restructure the Enterprise Architecture so that it can better support the existing environment and accommodate future changes of strategy within the company.

The CIO has stated that the following issues need to be addressed in the restructuring:

- They need to address problems with data quality and inconsistent data in order to support better decision making and analysis. ▪
- The architecture should focus on the needs of the business, not technology
- To remain competitive, new products and promotions must undergo market trials and if these are successful, deployed across the retail chain. Information systems must be able to manage changes and updates without undue delays.

Refer to the Scenario

[Note: You should assume that the company has adopted the example set of principles that are listed and defined in TOGAF, Section 23.6. You may need to refer to Chapter 23 of the reference text in order to answer this question.]

You have been asked to identify the most relevant architecture principles for the current situation.

Based on TOGAF, which of the following is the best answer? [Note: The ordering of the principles listed in each answer is not significant.]

- A. Interoperability, Data is Accessible, Data is Shared, Requirements Based Change, Control Technical Diversity
- B. Requirements Based Change, Business Continuity, Common Vocabulary and Data Definitions, Data Trustee, Responsive Change Management
- C. IT Responsibility, Data Security, Ease of Use, Service Orientation, Common Use Applications
- D. Interoperability, Maximize Benefit to the Enterprise, Data Trustee, Data is an Asset, Responsive Change Management

Correct Answer: B

Section: Part 2



Explanation

Explanation/Reference:

QUESTION 186

What does the TOGAF standard describe as a structure which can be used for developing a broad range of architectures?

- A. Architecture Viewpoint
- B. Work Package
- C. Metamodel
- D. Architecture Framework
- E. Deliverable

Correct Answer: D

Section: Part 2

Explanation**Explanation/Reference:**

Reference: http://www.opengroup.org/public/arch/p1/togaf_faq.htm#one

QUESTION 187

Which of the following types of architecture defines technology standards for building blocks and reflects general computing requirements?

- A. Industry Architecture
- B. Transition Architecture
- C. Foundation Architecture
- D. Organization-Specific Architecture
- E. Common Systems Architecture

Correct Answer: C

Section: Part 2

Explanation**Explanation/Reference:**

Reference: <http://pubs.opengroup.org/architecture/togaf8-doc/arch/chap18.html>

QUESTION 188

What does the TOGAF standard provide to guide architectural activity within the enterprise in terms of structures, roles, responsibilities, and processes?

- A. Architecture Development Method
- B. Architecture Capability Framework
- C. Architecture Content Framework
- D. Enterprise Continuum

Correct Answer: B

Section: Part 2

Explanation**Explanation/Reference:****QUESTION 189**

The TOGAF Architecture Capability Framework recommends use of an ADM cycle for establishing an architecture practice. In this scenario, which of the following would describe the organizational structure for the architecture practice?

- A. Technology Architecture
- B. Business Architecture
- C. Transition Architecture
- D. Application Architecture
- E. Data Architecture

Correct Answer: B

Section: Part 2

Explanation

Explanation/Reference:

QUESTION 190

Complete the sentence. Actions arising from the Business Transformation Readiness Assessment technique should be incorporated in the _____

- A. Architecture Requirements Specification
- B. Implementation Governance Model
- C. Architecture Roadmap
- D. Implementation and Migration Plan
- E. Communications Plan

Correct Answer: D

Section: Part 2

Explanation

Explanation/Reference:

Reference: <https://pubs.opengroup.org/architecture/togaf91-doc/arch/chap30.html>

QUESTION 191

Which of the following does the TOGAF standard classify as catalogs, matrices and diagrams?

- A. Building Blocks
- B. Frameworks

- C. Application Platform Interfaces
- D. Deliverables
- E. Artifacts

Correct Answer: E
Section: Part 2

Explanation

Explanation/Reference:

Reference: <http://pubs.opengroup.org/architecture/togaf9-doc/arch/chap31.html>

QUESTION 192

Which of the following best describes the TOGAF Architecture Development Method?

- A. A method for controlling change at an enterprise-wide level
- B. A method for developing an organization-specific architecture
- C. A method for managing architecture requirements
- D. A method for classifying architectures and solutions
- E. A method for creating an Architecture Repository



Correct Answer: B
Section: Part 2

Explanation

Explanation/Reference:

Reference <https://www.visual-paradigm.com/guide/togaf/togaf-adm-tutorial/>

QUESTION 193

Which of the following is the representation of a related set of concerns?

- A. Architecture view
- B. Architecture viewpoint
- C. Diagram
- D. Matrix
- E. Catalog

Correct Answer: A
Section: Part 2

Explanation

Explanation/Reference:

Reference: <https://pubs.opengroup.org/architecture/togaf9-doc/arch/chap03.html>

QUESTION 194

Which of the following statements best describes the Requirements Management process?

- A. The review of business requirements within the TOGAF ADM
- B. The prioritization and disposal of architecture requirements
- C. The management of architecture requirements throughout the ADM cycle
- D. The development of requirements that deliver business value
- E. The development of requirements for ADM Phase A

Correct Answer: C
Section: Part 2



Explanation

Explanation/Reference:

Reference: <http://pubs.opengroup.org/architecture/togaf8-doc/arch/chap15.html>

QUESTION 195

Complete the sentence. The Architecture Landscape is divided into levels, Strategic Architectures, _____

- A. Segment Architectures, and Capability Architectures
- B. Solution Architectures, and Corporate Architectures
- C. Gap Architectures, and Target Architectures
- D. Transitional Architectures, and Incremental Architectures
- E. Baseline Architectures, and To Be Architectures

Correct Answer: A
Section: Part 2

Explanation

Explanation/Reference:

Reference: <https://pubs.opengroup.org/architecture/togaf91-doc/arch/chap41.html>

QUESTION 196

Complete the sentence. Two of the four architecture domains that are subsets of an overall Enterprise Architecture are Business and Technology, the other two are

Application and _____

- A. Vision
- B. TransitionC. Segment
- D. Capability
- E. Data

Correct Answer: E

Section: Part 2

Explanation

Explanation/Reference:

Reference: <https://pubs.opengroup.org/architecture/togaf9-doc/arch/chap04.html>

QUESTION 197

Which of the following best describes an architectural change categorized as a re-architecting change?

- A. A change to re-align with the business strategy
- B. A change to increase investment in order to create new value for exploitation
- C. A change to reduce costs
- D. A change to derive additional value from the existing investment

Correct Answer: B

Section: Part 2

Explanation

Explanation/Reference:

Reference: <http://pubs.opengroup.org/architecture/togaf8-doc/arch/chap14.html>

QUESTION 198

Which of the following best describes the Standards Information Base?

- A. A repository area that defines the parameters, structures, and processes to support governance.
- B. A repository area that describes the organization specific architecture framework and methodologies.
- C. A repository area that provides guidelines, templates, and pattern used to create new architectures.
- D. A repository area that lists a set of specifications to which architectures must conform
- E. A repository area that provides a record of the governance activity across the enterprise.

Correct Answer: D

Section: Part 2

Explanation

Explanation/Reference:

Reference <https://pubs.opengroup.org/architecture/togaf91-doc/arch/chap41.html>

QUESTION 199

Which of the following is an objective of Phase G, Implementation Governance?

- A. Establish the resources for architecture governance
- B. Develop the Target Technology Architecture
- C. Ensure conformance for the target architecture
- D. Operate the governance framework
- E. Finalize the Implementation and Migration Plan



Correct Answer: C

Section: Part 2

Explanation

Explanation/Reference:

Reference <http://pubs.opengroup.org/architecture/togaf8-doc/arch/chap13.html>

QUESTION 200

According to the TOGAF standard, what term describes an individual with an interest in a system?

- A. Sponsor
- B. Consumer
- C. Lead architect
- D. Stakeholder

Correct Answer: D

Section: Part 2

Explanation

Explanation/Reference:

Reference https://pubs.opengroup.org/architecture/togaf9-doc/arch/chap03.html#tag_03_72

QUESTION 201

In which ADM phase is the Implementation and Migration Plan coordinated with other activities in the enterprise?

- A. Phase A
- B. Phase G
- C. Phase E
- D. Phase H
- E. Phase F

Correct Answer: E

Section: Part 2

Explanation

Explanation/Reference:

Reference <https://pubs.opengroup.org/architecture/togaf91-doc/arch/chap14.html>

QUESTION 202

Scenario

Please read this scenario prior to answering the Question

You are serving as the Lead Architect for an Enterprise Architecture project team within a multinational oil and gas corporation. It is organized into two major business groupings:

- Upstream operations which include exploration for crude oil and natural gas and operating the infrastructure necessary to deliver oil and gas to the market.
- Downstream operations which include the manufacturing, distribution and marketing activities for oil products and chemicals

Safety is a priority for the company, with the aim to ensure it causes zero harm to people and the environment. The company has to satisfy the regulatory requirements of each of the countries it operates in.

The downstream business generates a third of the company's profits worldwide and includes more than 30,000 petrol stations and various oil refineries. In some countries it also includes oil refining, a retail petrol station network, lubricants manufacture and marketing, industrial fuel and lubricants sales. The practice for the downstream business has been to operate locally, managed by local "operating companies".

The Governing Board is concerned about the risk posed by operating in this complex global environment with a large part of the downstream business represented by local operating companies. As a result, the Chief Executive Officer (CEO) has appointed a Chief Compliance Officer (CCO) to be responsible for overseeing and managing compliance issues for the corporation. The CCO reports directly to the CEO.

The CCO has approved the expenditure of resources to establish an Enterprise Architecture program, and has mandated the use of the TOGAF standard as the framework. He has requested to be informed about the status of downstream operations that could impact regulatory compliance. He also wants the corporate legal staff and auditors to analyze all proposed new downstream operations to ensure that they are within the legal guidelines for each country. In addition, the local operating companies should be able to see that the architecture is appropriate for their needs.

The architecture project team has worked with the sponsor to complete a detailed Request for Architecture Work providing the high level project description. As the project commences the next phase, the necessary approvals from corporate and line management have been received.

Refer to the Scenario

You have been asked to recommend an approach that would enable the development of an architecture that addresses the needs of the Chief Compliance Officer, legal staff, auditors and the local operating companies.

Based on the TOGAF standard, Version 9.2, which of the following is the best answer?

- A. You recommend that a set of models be created for each project architecture that can be used to ensure that the system will be compliant with the local regulations. A formal review should be held with the stakeholders to verify that their concerns have been properly addressed by the models.
- B. You recommend that an analysis of the stakeholders is undertaken, including development of a Stakeholder Map. This will allow the architects to define groups of stakeholders who have common concerns. The concerns and relevant viewpoints should be defined for each group of stakeholders, and recorded in the Architecture Vision document.
- C. You recommend that the ArchiMate modeling language is used to create a set of models that can be applied uniformly across all architecture projects. Each architecture should then be defined based on this fixed set of models. All concerned parties can then examine the models to ensure that their needs have been addressed.
- D. You recommend that a Communications Plan be created to address the powerful and influential stakeholders. This plan should include a report that summarizes the key features of the architecture with respect to each location and reflect the stakeholders' requirements. You will check with each stakeholder that their concerns are being addressed.

Correct Answer: B

Section: Part 2

Explanation

Explanation/Reference:

QUESTION 203

Scenario

Please read this scenario prior to answering the Question

You are serving as an Enterprise Architect at a large aerospace company. It designs, manufactures and sells civil and military aviation products worldwide and manufactures in multiple countries both inside and outside of the European Union. The company has grown rapidly by acquisition and has inherited numerous different procurement processes and related IT systems.

Recently, several procurement processes, within the civil aviation business, have had problems related to the timing of purchases, which has led to excess inventory. The Vice President in charge of Supply Chain Management has made the decision to consolidate and reduce redundant procurement processes and systems. He has committed to the CEO that the business will move to a "Just-in-time" procurement system so as to keep inventory costs low.

The TOGAF standard is used for internal Enterprise Architecture activities. At present, there are no architectural assets in the Architecture Repository related to this initiative. All assets will need to be acquired, customized, or created from scratch. The company prefers to implement commercial off the shelf package applications with little customization. The CIO, who is the project sponsor, has stated that she is not concerned about preserving the existing procurement processes or systems.

This project is using an iterative approach for executing the Architecture Development Method (ADM). The architecture development project has completed the Architecture Vision Phase and has started a number of iteration cycles to develop the Architecture. As a packaged application is being considered, the next iteration will include both the Business and Application Architectures.

Stakeholder concerns that should be addressed by these architectures include:

1. What groups of people should be involved in procurement-related business processes?
2. What applications will these groups use once the architecture development is complete?
3. What non-procurement applications will need to be integrated with the new procurement applications?
4. What are the dependences between the non-procurement and the new procurement applications?

Refer to the Scenario

[Note: You may need to refer to the Architectural Artifacts chapter, section 31.6 (located in Part IV) within the reference text in order to answer this question.] You have been asked to identify the most appropriate catalogs, matrices, and diagrams to support the next iteration of Architecture development. Based on the TOGAF standard, Version 9.2, which of the following is the best answer?

- A. You would describe the Baseline Business Architecture with a Baseline Business Process catalog, and an Object lifecycle catalog. You would describe the Baseline Application Architecture with an Interface catalog and a Technology Portfolio catalog.
- B. You would describe the Baseline Business Architecture with an Organization/Actor catalog, and a Business Service/Function catalog, and a Data Entity/Business Function matrix. You would describe the Baseline Application Architecture with an Application Portfolio catalog and an Application/Function matrix.
- C. You would describe the Target Business Architecture with a Business Interaction matrix, and a Business Service/Function catalog. You would describe the Target Application Architecture with an Application Communication diagram, an Application/Organization matrix, an Application Interaction matrix and an Interface catalog.
- D. You would describe the Target Business Architecture with a Business Service/Function catalog, an Organization/Actor catalog, and Data Lifecycle diagrams. You would describe the Target Application Architecture with Application Communication diagrams, an Application Interaction matrix, and an Application Portfolio catalog.

Correct Answer: D

Section: Part 2

Explanation

Explanation/Reference:

QUESTION 204

Scenario

Please read this scenario prior to answering the Question

Your role is that of Lead Enterprise Architect for a chain of convenience stores. The chain includes over 15,000 retail outlets throughout the Asia-Pacific region. Each store in the chain is an independently owned and operated franchise. The stores operate 24 hours a day and 7 days a week. Many of the stores have been with the franchise for more than 10 years and still use the original IT systems deployed at that time.

The CEO of the chain has stated his concerns about the inefficiencies of the current systems and identified the need to change. He has defined a new strategic vision that will enhance the business by providing its franchisees new services to help them compete with other retail outlets and online retailers. This strategy is part of the long-term commitment to enhance the brand image and increase revenue for the chain. He has also stated that he expects improved financial results by the end of the current fiscal year.

These changes will provide the chain with improved products, and more efficient operations. The stores will also act as delivery and return locations for a large online retailer which will further increase the number of potential customers. The addition of a corporate-wide data warehouse will provide analytics that will enable the marketing group to improve its ability to target advertising and new products to specific regions.

The chain has a mature Enterprise Architecture practice based in its headquarters and uses the TOGAF standard as the method and guiding framework. The CIO is the sponsor of the activity.

The Chief Architect engaged the services of a leading consulting firm that specializes in business strategy. An initial study has been conducted to identify the strategic changes needed to implement the CEO's vision. This recently completed with approval of a strategic architecture encompassing the entire chain, including detailed requirements and recommendations.

Based on the recommendations from the initial study, the decision for the chain to adopt a packaged suite of integrated applications that is tailored to the needs of the franchise has been taken. Refer to the scenario

You have been asked by the Chief Architect to propose the best approach for architecture development to realize the CEO's vision.

Based on TOGAF, which of the following is the best answer?

- A. You propose that the target architecture is defined first, followed by transition planning. This is because the vision is well understood and the strategic architecture agreed. The target first approach will ensure that the current problems and inefficiencies of the baseline architecture are not carried forward, and that the proposed solution addresses the requirements identified in the initial study.
- B. You propose that this engagement define the baseline architecture first in order to assess the current infrastructure capacity and capability. The initial priority is to understand the problem. Then the focus should be on transition planning and architecture deployment. This will identify requirements to ensure that the projects are sequenced in an optimal fashion so as to realize the vision.

- C. You propose that the team focus on architecture definition, with a specific emphasis on understanding the strategic change parameters of the business strategy. Once understood, the team will be in the best position to identify the requirements, drivers, issues, and constraints for this engagement. You would ensure that the target architecture addresses non-functional requirements so as to ensure the target architecture is robust and secure.
- D. You propose that the team focus on defining the target architecture by going through the architecture definition phases (B-D). This is because the initial study identified the need to change. This will ensure that the change can be defined in a structured manner and address the requirements needed to realize the vision.

Correct Answer: A

Section: Part 2

Explanation

Explanation/Reference:

QUESTION 205

Scenario:

Please read this scenario prior to answering the question

Your role is that of a consultant to the Lead Enterprise Architect in a company that specializes in luxury electric cars and their powertrain components, and also produces battery-charging equipment. It has its own distribution network, its own showrooms, and sells directly to customers via the internet. The company has four manufacturing facilities, two in the North America, one in Europe, and one in Asia.

A challenge that the company is facing to scale up the number of vehicles coming off the production line to meet customer demand, while maintaining quality. At the moment there are supply chain storages for key electronic components related to the autonomous drive system. In response to this, the research arm of the company has pioneered the development of a new self-driving platform. This new design uses common off-the-shelf components that will allow for a significant increase in overall vehicle production. This new design is ready to go into production.

The company has a mature Enterprise Architecture practice that is supported by a cross-functional Architecture Board. The TOGAF standard is used for developing the automated manufacturing process and systems used to design, manufacture and test the new design. The Chief Information Officer and the Chief Operating Officer co-sponsor the Enterprise Architecture program.

As part of putting the new self-driving platform into production, adjustments to the automated assembly processes need to be made. A pilot architecture project at a single location has defined an updated approach for controlling the automated test systems used to perform final quality assurance. The Chief Engineer, sponsor of the activity, and the Architecture Board have approved the plan for immediate implementation at each plant.

Architecture Contracts have been developed that detail the work needed to implement and deploy the new automated test system controller for each location. The Chief Engineer has expressed concern that a uniform process be employed at each location to ensure consistency and quality.

Refer to the Scenario

The Lead Enterprise Architect has asked you to recommend the best approach to address the Chief Engineer's concern.

Based on the TOGAF standard, which of the following is the best answer?

<https://vceplus.com/>

- A. You create an Architecture Contract to manage and govern the implementation and migration process. If the contract is issued to an external party, you ensure that it is a fully enforceable legal contract. For internal development projects, you decide it is adequate to utilize a memorandum of understanding between the Architecture Board and the implementation organization.
You recommend that if a deviation from the Architecture Contract is detected, the Architecture Board grant a dispensation to allow the implementation organization the ability to customize the process to meet their local needs.
- B. You use the Architecture Contracts to manage the architecture governance processes for the project across the locations. You deploy monitoring tools to assess the performance of each completed drive assembly at each location and develop change requirements if necessary.
You recommend that if a deviation from the contract is detected, the Architecture Board should modify the Architecture Contract to allow the implementation organization the ability to customize the process to meet their local needs. As a result, you then issue a new Request for Architecture Work to implement the modified Architecture Definition.
- C. You create an Architecture Contract to manage and govern the implementation and migration process at each location. For internal development projects, you issue a memorandum of understanding between the Architecture Board and the implementation organization. For contracts issued to an external party, you ensure that it is a fully enforceable legal contract.
You ensure that the Architecture Board reviews all deviations from the Architecture Contract, and considers whether or not to grant a dispensation to allow the implementation organization to customize the process to meet their local needs.
- D. You review the applicable Architecture Contract for each location, ensuring that it addresses the project objectives, effectiveness metrics, acceptance criteria, and risk management. In cases where the contract is issued to an external party, you ensure that it is a legally enforceable contract.
You schedule compliance reviews at key points in the implementation process to ensure that the work is proceeding in accordance with the Architecture Definition. You ensure that the Architecture Board reviews all deviations from the Architecture Contract, and considers whether or not to grant a dispensation to allow the implementation organization to customize the process to meet their local needs.

Correct Answer: A

Section: Part 2

Explanation

Explanation/Reference:

QUESTION 206

Scenario

Please read this scenario prior to answering the question

You are serving as the Lead Enterprise Architect for a chain of convenience stores. The stores operate 24 hours a day and 7 days a week and use cloud-based point-of-sale (POS) technology to manage their sales and inventory. Cloud-based POS systems store all user data, including sales and inventory in a remote server.

The cloud-based systems collect real-time data to support ordering and product selection decisions including the tailoring of product assortment based on sales history, customer demographics as well as the next day's weather forecast. In many cases, several stores are located in neighboring areas. This strategy makes

distribution to each store cheaper, as well as making multiple deliveries per day possible. The stores also act as self-service delivery locations for a large online retailer which further increases the number of potential customers entering the stores.

An Enterprise Architecture practice exists within the company, with the CEO and CIO as joint sponsors. They have decided to adopt the TOGAF standard within the practice and the first project is to restructure the Enterprise Architecture so that it can better support the existing environment and accommodate future changes of strategy within the company.

The CIO has stated that the following issues also need to be addressed in the restructuring:

- They need to address problems with data quality and inconsistent data in order to support better decision making and analysis.
- The architecture should focus on the needs of the business, not technology
- To remain competitive, new products and promotions must undergo market trials before deployment across the retail chain. Information systems must be able to manage changes and updates without undue delays.

Refer to the Scenario.

[Note: You should assume that the company has adopted the example set of principles that are listed and defined in TOGAF standard, Architecture Principles chapter. You may need to refer to the Architecture Principles chapter, section 20.6 (located in Part III) within the reference text in order to answer this question.]

You have been asked to identify the most relevant architecture principles for the current situation.

Based on the TOGAF standard, Version 9.2, which of the following is the best answer? [Note: The ordering of the principles listed in each answer is not significant.]

- A. Requirements Based Change, Responsive Change Management, Data Trustee, Common Vocabulary and Data Definitions, Business Continuity
- B. IT Responsibility, Data Security, Ease of Use, Service Orientation, Common Use Applications
- C. Maximize Benefit to the Enterprise, Data Trustee, Data is an Asset, Responsive Change Management, Interoperability
- D. Data is Accessible, Data is Shared, Interoperability, Requirements Based Change, Control Technical Diversity

Correct Answer: C

Section: Part 2

Explanation

Explanation/Reference:

QUESTION 207

Scenario

Please read this scenario prior to answering the question

Your role is consultant to the Lead Architect within a company that manufactures electromechanical devices. The company is organized as independent operational divisions.

The company has a mature Enterprise Architecture (EA) practice and uses the TOGAF standard for the basis of its architecture framework. In addition to the EA program, the company has a number of management frameworks in use, including business planning, portfolio/project management, and operations management. The EA program is sponsored by the CIO.

A strategic architecture has been approved that includes consolidation of multiple Enterprise Resource Planning (ERP) applications that have been operating in several of the divisions' production facilities. The goal is to replace the functionality of the existing applications with a new ERP product running as a single instance in the company's primary data center.

Each division has completed the Architecture Definition documentation required to tailor and configure the environment to meet its own specific manufacturing requirements.

The enterprise architects have analyzed the key corporate change attributes and implementation constraints. A consolidated gap analysis has been completed which has identified the gaps across the Business, Data, Application, and Technology domains.

Using the results of the gap analysis, the architects have reviewed the requirements, dependencies and interoperability requirements needed to integrate the new ERP environment into the existing environment. The architects have completed the Business Transformation Readiness Assessment started in Phase A. Based on all of these factors they have produced a risk assessment.

The implementation process is estimated to take four years. Because of the risks posed by the complexity of the current environment, a phased approach is needed to implement the target architectures. The Implementation and Migration Plan v0.1, the draft Architecture Roadmap, and the Capability Assessment deliverables are now complete.

Refer to the Scenario.

You have been asked to recommend the next steps to prepare the final Implementation and Migration Plan.

Based on the TOGAF standard, Version 9.2, which of the following is the best answer?

- A. You would assess how the plan impacts the other frameworks in use in the organization. The plan should be coordinated with the business planning, portfolio/project management and operations management frameworks. You would then assign a business value to each project, considering available resources and priorities for the projects. Finally, you would generate the Implementation and Migration Plan.
- B. You would apply the Business Value Assessment Technique to prioritize the implementation projects and project increments. The assessment should focus on return on investment and performance evaluation criteria that can be used to monitor the progress of the architecture transformation. You would confirm the Transition Architecture phases using an Architecture Definition Increments Table to list the projects. You would then document the lessons learned and generate the final plan.
- C. You would place the strategic Architecture Definition and Transition Architectures under configuration control as part of the ongoing architecture development cycle. This will ensure that the architecture remains relevant and responsive to the needs of the enterprise. You would then produce an Implementation Governance Model to manage the lessons learned prior to finalizing the plan. You recommend that lessons learned be accepted by the Architecture Board as changes to the architecture without review.

- D. You would conduct a series of Compliance Assessments to ensure that the implementation team is implementing the architecture according to the contract. The Compliance Assessment should verify that the implementation team is using the proper development methodology. It should include deployment of monitoring tools and ensure that performance targets are being met. If they are not met, then changes to performance requirements should be identified and updated in the Implementation and Migration Plan.

Correct Answer: A

Section: Part 2

Explanation

Explanation/Reference:

QUESTION 208

What technique used in Phase B provides stakeholder context into why the organization needs business capabilities?

- A. Business Capability Map
- B. Organization Map
- C. Information Map
- D. Value Stream Analysis



Correct Answer: D

Section: Part 2

Explanation

Explanation/Reference:

Reference: <https://pubs.opengroup.org/architecture/togaf9-doc/arch/chap07.html>

QUESTION 209

Within the Architecture Continuum, which of the following consists of generic components, inter-relationships, principles and guidelines?

- A. Foundation Architecture
- B. Common Systems Architecture
- C. Transition Architecture
- D. Organization-Specific Architecture
- E. Industry Architecture

Correct Answer: A

Section: Part 2

Explanation

Explanation/Reference:

Reference: <https://pubs.opengroup.org/architecture/togaf91-doc/arch/chap39.html>

QUESTION 210

What is an objective of the ADM Preliminary Phase?

- A. To select and implement tools to support the Architecture Capability
- B. To document the baseline architecture
- C. To create the initial version of the Architecture Roadmap
- D. To develop a vision of the business value to be delivered by the proposed enterprise architecture
- E. To obtain approval for the Statement of Architecture Work

Correct Answer: A

Section: Part 2

Explanation

Explanation/Reference:



<https://vceplus.com/>

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