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P2090-045

IBM InfoSphere Information Server for Data Integration Fundamentals Technical Mastery Test v1



Nicely written Questions with many corrections inside.



It gave me the real atmosphere of the exam and also the questions of the same were of good standard .



The best site that provides all types of notes and preparation material online.



After using it my results were great and i got great score as well all thanks.



My problem had solved because the products of it was very reliable

Exam A

QUESTION 1

For the Information Server Repository, which Relational Database Management System (RDMS) CANNOT be used?

- A. Microsoft SQL Server
- B. Informix

- C. DB2 UDB
- D. Oracle

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 2

Where are Table Definitions stored?

- A. Information Server metadata repository
- B. In the file system as a binary file
- C. In the file system as a csv file
- D. None of the above

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

correct answer.

QUESTION 3

Which of the following is a valid Write Table action in the Connector Stages?

- A. Append
- B. Replace
- C. Truncate
- D. All of the above

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 4

In DataStage, which client can be used to set environment variables at project level?

- A. DataStage Designer
- B. DataStage Administrator
- C. DataStage Director
- D. Information Server Web Console

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 5

What action will a Lookup Stage take when "Drop" is selected as the Lookup Failure Option?



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- A. Stage reports an error
- B. Stage skips the input record
- C. Stage rejects the Input record
- D. Job gets aborted

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 6

The ODBC Connector Stage can be used to connect to _____.

- A. Oracle database
- B. Teradata database
- C. DB2 database
- D. All of the above



Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 7

Which of the following components need to be up and running in order to use InfoSphere Discovery Studio?

- A. WAS (WebSphere Application Server)
- B. The ASB agent
- C. The database holding the Information Server Metadata Repository
- D. All of the above
- E. None of the above

Correct Answer: E

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 8

Which of the following CANNOT be defined in the DataStage configuration file?

- A. Degree of parallelism
- B. Scratch disk dedicated for sorting
- C. Compilation options for DataStage jobs
- D. A named pool including only part (some) of the nodes

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

appropriate answer.

QUESTION 9

In DataStage Sequential File Stage, how is a NULL value represented?

- A. By a space character
- B. By a 'NULL' string
- C. A -1 for an integer field and an empty string for a VARCHAR field
- D. As defined by the Developer in the extended properties of the field

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 10

Which of the following is NOT an option for the Reject Mode setting of a Sequential File Stage?

- A. Continue
- B. Reject
- C. Fail
- D. Output

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 11

Which of the following statements is an INVALID description of the Sort Stage Option Create Key Change Column?

- A. Adds a column which holds a value of 0 or 1
- B. 1 indicates the key value has changed
- C. 0 indicates the key value has not changed
- D. Adds a column which holds a value of true/false

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 12

Under which scenario may a user benefit from using InfoSphere Discovery?

- A. Automate data relationship discovery
- B. Prototype a data model for the first time
- C. Automate transformation rule discovery
- D. Automate business object identification
- E. All of the above

Correct Answer: E

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 13

Which of the following statements about Blueprint Director is incorrect?

- A. Blueprint Director will display the time needed to perform individual tasks
- B. You can browse and search Information Server metadata assets
- C. You can create new blueprints from standard reference architecture templates
- D. Reference architectures contain detailed method guidance for required activities

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 14

Which of the following is a valid Write Mode action in the Connector Stages?

- A. Insert
- B. Update
- C. Delete
- D. All of the above

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

fine answer.

QUESTION 15

How can FastTrack speed up the process of creating new source-to-target mapping specifications?

- A. Reverse engineer existing DataStage jobs II. Automatically discover column mappings using matches on column names III. Leverage metadata imported from other Information Server modules IV. FastTrack automatically converts data lineage reports into mapping specifications B. I, II, III, IV
- C. II, III, IV
- D. I, II, IV
- E. I, II, III

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 16

Which of the following statements about partitioning algorithms is correct?

- A. MODULUS and HASH ensure balanced data volumes in all the partitions
- B. For the Lookup reference stage, DataStage always uses the MODULUS method
- C. SAME partitioning method is the fastest algorithm because it does not require additional processing
- D. The grouping methods available in the Aggregator stage are MODULUS and HASH

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 17

Which of the following is NOT possible with a Transformer Stage?

- A. Generate multiple output records for each single record
- B. Create and compile a custom function to be used in output link derivations
- C. Define variables that can be referenced only within the Transformer Stage
- D. Use system variables and job parameters within derivations

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 18

In Blueprint Director, how do you easily recognize that an element contains a subdiagram?



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- A. There is a little ?icon associated with the elementThere is a little ??icon associated with the element
- B. There is a little green arrow associated to the element
- C. There is a little ??icon associated with the element
- D. Double clicking the element is the only way to find out

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 19

With DataStage Designer you CANNOT _____.

- A. Design jobs that extract, integrate, and transform the data for data warehouse
- B. Create and reuse Table Definitions
- C. Compile and execute the DataStage jobs
- D. Configure the deployment model

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 20

In DataStage, Table Definitions can be imported through _____.

- A. DataStage Administrator
- B. Information Server Web Console
- C. DataStage Designer
- D. DataStage Director

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 21

In which situation below can you use the Metadata Asset Manager with the MetaBrokers and Bridges (Import/Export Manager) to import metadata into the Metadata Repository?

- A. To bring runtime information about DataStage jobs into the Metadata Repository
- B. To bring FastTrack mapping specifications into the Metadata Repository
- C. To bring Cognos BI reports and queries into the Metadata Repository
- D. To bring a blueprint from Blueprint Director into the Metadata Repository

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 22

What are the file format types when you use DataStage Designer to export objects?

- A. TXT and XML
- B. DSX and CSV
- C. DSX and XML
- D. TXT and CSV

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

nice choice of answer.

QUESTION 23

Which of the following is NOT a valid File Update Mode property setting of a Sequential File Stage?

- A. Append
- B. Overwrite
- C. Delete
- D. Create

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 24

Which of the following is NOT a function provided by the DB2 Connector Stage?

- A. Deletes rows from a DB2 table
- B. Reads a DB2 table
- C. Automatically updates table definitions when a SQL type mismatch is detected
- D. Performs a lookup directly on a DB2 table

Correct Answer: C

Section: (none)

Explanation



Explanation/Reference:

Explanation:

QUESTION 25

Queries in Metadata Workbench offer an easy way to investigate specific metadata in Metadata Repository. Which of the following statements is correct?

- A. In a query, the criteria used for filtering the desired metadata can be based on different asset types
- B. Queries can be saved in XML format
- C. You can only use existing, predefined queries
- D. Queries can report on objects that are not stored in the Metadata Repository

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 26

Which functionalities are supported by InfoSphere Discovery? I.Discover primary / foreign key relationships between tables II.Discover statistics about usage of data by users III.Discover matching source and target columns IV.Discover suggested transformations that, when applied, will transform the data from the source columns to match the data in the target columns

- A. I, II, IV

- B. I, III, IV
- C. I, II, III
- D. II, III, IV

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 27

Consider a Parallel Job including a Join Stage with HASH partitioning algorithm followed by an Aggregator stage. Which of the following statements about the Aggregator stage partition algorithm is correct?about the Aggregator stage? partition algorithm is correct?

- A. If the Aggregator groups on the same key column(s) as Join, SAME ensures groups of rows staytogether
- B. If the Aggregator groups on different key column(s) from Join, SAME ensures groups of rows staytogether
- C. If the Aggregator groups on the same key column(s) as Join, repartitioning must be done in order tohave correct results
- D. ROUND ROBIN ensures correct results

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

no doubt at answer.

QUESTION 28

DataStage Parallel Engine supports _____.

- A. Pipeline and Partition Parallelism
- B. Pipeline Parallelism only
- C. Partition Parallelism only
- D. None of the above

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 29

Which of the following statements is not a supported matching option of the Lookup Stage?

- A. Equality match
- B. Caseless match
- C. Range on the Target Link
- D. Range on the Reference Link

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 30

Information Services Director provides multiple binding options. Which of the following statements about bindings is correct?

- A. Multiple bindings can be associated to the same service
- B. The choice of binding depends on the information provider used
- C. Bindings are set at the application level
- D. Bindings are set at the individual operation level

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 31

Which description below about the Sort Stage is invalid?

- A. Sort Stage uses temporary disk space while performing sort
- B. It has a property to create a Key Change Column
- C. All the incoming records must have different values for sorting key
- D. Sort can be executed in sequential mode or parallel mode

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

perfect answer.

QUESTION 32

What is a descriptor file of a Dataset created by the Dataset Stage?

- A. Contains the length of the data files
- B. Contains metadata, data location, but not the data itself
- C. Contains the actual data in text format
- D. Contains the actual data in binary format

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 33

Which of the following is a standard practice when using partition parallelism?

- A. Disable the pipeline parallelism for all the stages that can run in parallel
- B. Setup a configuration file defining multiple CPUs for each logical node
- C. Avoid repartitioning if possible
- D. All of the above

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 34

A DataStage job can be executed from_____

- A. DataStage Administrator client only
- B. DataStage Administrator or Director client
- C. DataStage Director client only
- D. DataStage Designer or Director client.



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Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

updated answer.



QUESTION 35

Which type of Join would you select for the Join Stage to output unmatched records from both input data sources?

- A. Inner join
- B. Left outer join
- C. Right outer join
- D. Full outer join

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 36

In a Job Sequence, what is the purpose for the use of Checkpoints?

- A. Monitor performance and failure for each stage
- B. Automatically restart a job
- C. Record the log information for each trigger
- D. Restart a job from the latest Checkpoint in case of job failures

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 37

Using a Job Sequence, which of the following tasks CANNOT be performed?

- A. Define specific user variables and make them available within a Job Sequence
- B. Drop a database table using a script, then start two different parallel jobs in sequence when a file appears in a specific directory
- C. Run two different parallel jobs in sequence and use job parameters to pass different \$APT_CONFIG_FILE values for each of them
- D. Create multiple Exception Handlers stages to handle different types of failures

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 38

Which statement about Metadata Workbench is incorrect?

- A. It can extend data lineage to display data integration flows that are outside of Information Server
- B. It relies on the repository functions in DataStage Designer for impact analysis
- C. It displays data lineage reports
- D. It allows Metadata Workbench administrators to associate data stewards with data objects

Correct Answer: B

Section: (none)

Explanation

**Explanation/Reference:**

Explanation:

QUESTION 39

A Job Sequence CANNOT contain _____.

- A. Transformer Stages
- B. Sequencer Stages
- C. Triggers
- D. Job Activity Stages

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

definite answer.

QUESTION 40

Which of the following statements about the Lookup Stage is correct?

- A. It is a Real-Time Stage
- B. It combines data horizontally
- C. It can have only one input link defined
- D. The default partition method for Lookup is Hash

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 41

Which of the following statements about Collecting methods is correct?

- A. ROUND ROBIN is the fastest algorithm
- B. SORT MERGE never performs data sorting
- C. ORDERED ensures the collected data stream being sorted
- D. AUTO chooses the best method between ROUND ROBIN, SORT MERGE, and ORDERED

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

real answer.

QUESTION 42

Which of the following stages is NOT a file data access stage?

- A. Sequential File Stage
- B. Transformer Stage
- C. Dataset Stage
- D. FileSet Stage



Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 43

Where can Job Parameters be used for DataStage parallel job development?

- A. In directory and file names
- B. In constraints and file names
- C. In constraints and derivations
- D. All of the above

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 44

Which of the following statements about InfoSphere Data Architect is correct?

- A. You CANNOT create a logical model from a physical model
- B. InfoSphere Data Architect can deploy physical data models directly to the database managementsystem

- C. Reverse engineering data models only works for DB2 databases
- D. InfoSphere Data Architect is installed using the Information Server installation wizard

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 45

InfoSphere Data Architect is not part of the Information Server Suite. Which statement about sharing metadata with the Metadata Repository is correct?

- A. Metadata CANNOT be imported into the Metadata Repository from Data Architect
- B. Only a physical model can be exported from Data Architect to the Metadata Repository
- C. Only a logical model can be exported from Data Architect to the Metadata Repository
- D. Both, a physical model and a logical model can be exported from Data Architect to the Metadata Repository

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

actual answer.

QUESTION 46

Which of the following statements about FastTrack is incorrect?

- A. The only way to combine data in a FastTrack mapping specification is to create a lookup definition
- B. When a job is generated from a FastTrack specification, it can contain connection information to access source and target database systems
- C. When generating a job from a FastTrack specification, you can specify the desired stage type for the source and the target (e.g. sequentialfile, ODBC connector, DB2 connector)
- D. Changes in mapping specifications are propagated to previously generated DataStage jobs as annotations

Correct Answer: A

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 47

What objects below will you NOT be able to view with the Repository window in DataStage Designer Client?

- A. Parallel Jobs
- B. Table Definitions
- C. Logs
- D. Sequence Jobs

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 48

What is a supported function of the Dataset Management Utility?

- A. Repartitions datasets
- B. Stores datasets
- C. Copies, views and deletes the dataset
- D. Saves the table definition for the dataset

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 49

Which Stage requires identical metadata in order to combine data?

- A. Lookup Stage
- B. Funnel Stage
- C. Join Stage
- D. Transformer Stage

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 50

What capability does Information Services Director provide?

- A. Information Services Director is the tool used to consume web services
- B. Information Services Director is the tool used to create a service; the deployment of the service is performed by 3rdparty tools
- C. Information Services Director is the tool used within Information Server to create and to deploy an application containing one or more services
- D. Information Services Director is the tool used to schedule DataStage jobs and run job sequences

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

sophisticated answer.

QUESTION 51

A file contains a very large number of records with unique groups based on a key. Which Grouping Method would you prefer to use in the Aggregate Stage for aggregating the data?

- A. Hash
- B. Sort
- C. Random
- D. Round Robin

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 52

Which type of jobs can be compiled into Orchestrate Scripting Language (OSH)?

- A. Server jobs
- B. Parallel jobs
- C. Sequence Jobs
- D. Mainframe Jobs

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 53

A Transformer Stage can have _____.

- A. One input link, one or more reject links, one otherwise link, one or more output links
- B. One or more input links, one or more reject links, one otherwise link, one or more output links
- C. One input link, one reject link, one otherwise link, one or more output links
- D. One or more input links, one reject link, one otherwise link, one or more output links

Correct Answer: C

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 54

Which tool below can be used to assign permissions to users for each DataStage project?

- A. Information Server Web Console
- B. DataStage Administrator
- C. DataStage Director
- D. DataStage Designer

Correct Answer: B

Section: (none)

Explanation

Explanation/Reference:

Explanation:

QUESTION 55

With Information Services Director, you can deploy services that package the following information provider types: I.DataStage and QualityStage jobs II.SOAP over HTTP III.DB2 and Oracle SQL statements IV.Federation Server queries

- A. I, II, IV
- B. II, III, IV

- C. I, II, III
- D. I, III, IV

Correct Answer: D

Section: (none)

Explanation

Explanation/Reference:

Explanation:



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