

## H13-611

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#### Exam A

#### **QUESTION 1**

Which of the following is not the benefits of converged storage systems?



- A. The same device is able to provide both block storage and file storage.
- B. Saving of rack space due to integration of equipment into one device.
- C. Converged storage system has better data protection compared to other non-converged systems.
- D. Unified management of storage resources.

**Correct Answer:** A Section: (none) **Explanation** 

## **Explanation/Reference:**

#### **QUESTION 2**

Which of the following dimensions are often used to express the data used in Big Data scenarios? (Choose all that apply.)

A. Variety





B.	Ve	locity
<b>u</b> .	v	IOCILV

C. Verticality

D. Volume

Correct Answer: ABD

Section: (none) Explanation

## **Explanation/Reference:**

#### **QUESTION 3**

The only cable type that can be used to connect disk enclosures is the mini SAS cable.

A. FALSE

B. TRUE

Correct Answer: B Section: (none) Explanation



# **Explanation/Reference:**

#### **QUESTION 4**

In HUAWEI OceanStor V3, which of the following statements about mapping a snapshot is true?

- A. Snapshots optionally can be mapped to multiple hosts.
- B. All of the answers are true.
- C. Snapshots can only be mapped to the same host the original LUN was mapped to.
- D. Mapped snapshots are always Read-Only

Correct Answer: A Section: (none) Explanation



IP SAN uses underlying optical networks to connect servers and storage systems.

A. TRUE

B. FALSE

Correct Answer: B Section: (none) Explanation

## **Explanation/Reference:**

#### **QUESTION 6**

You need to manually set free disks as hot spare disks in a Huawei OceanStor V3 storage system when you use RAID 2.0+.

A. FALSE

B. TRUE

Correct Answer: A Section: (none) Explanation



## **Explanation/Reference:**

#### **QUESTION 7**

What is the main difference between mechanical drives such as SAS with solid state drives (SSD)?

A. The lifespan of hard drive.

B. The presence of mechanical parts.

C. The capacity of hard drive.

D. The performance of the hard drive.

Correct Answer: D Section: (none) Explanation



Based on the new industrial revolution, what are the changes in the trend of ICT? (Choose all that apply.)

- A. ICT is slowly being replaced by other new technologies such as IT and CT.
- B. The initial phases of ICT focuses on office automation but slowly changed towards changing business flows.
- C. ICT trend is changing slowly with little significant changes.
- D. ICT has become the core in the production systems in the recent years.

Correct Answer: BD Section: (none) Explanation

## **Explanation/Reference:**

#### **QUESTION 9**

Statement 1: Multimode optic cables are usually longer than single mode cables.

Statement 2: Sharp cable bends lead to weaker signal at the end of the cable.

- A. Both statements 1 and 2 are false
- B. Statement 1 is true and 2 is false
- C. Statements 1 and 2 are both true
- D. Statement 1 is false and statement 2 is true

Correct Answer: D Section: (none) Explanation

## **Explanation/Reference:**

#### **QUESTION 10**

Which statement is true?

- A. An extent can be as small as 512 kB and as large as 128 MB.
- B. An extent can be 128 MB, but a grain is always 64 kB.
- C. An extent can be as small as 64 MB and as large as 512 MB.



D. An extent can be as small as 512 kB and as large as 64 MB.

Correct Answer: D Section: (none) Explanation

## **Explanation/Reference:**

#### **QUESTION 11**

Statement 1: RAID 2.0+ is NOT based on traditional RAID technologies.

Statement 2: RAID 2.0+ has excellent rebuild characteristics.

- A. Statement 1 is false and statement 2 is true.
- B. Statement 1 is true and statement 2 is false.
- C. Statements 1 and 2 are both true.
- D. Both statements 1 and 2 are false.

Correct Answer: A Section: (none) Explanation



## **Explanation/Reference:**

#### **QUESTION 12**

Statement 1: A port can be listed in multiple zones.

Statement 2: A switch configuration can contain multiple zones.

- A. Statement 1 and 2 are true.
- B. Statement 1 is false; Statement 2 is true.
- C. Statement 1 is true; Statement 2 is false.
- D. Statement 1 and 2 are false.

Correct Answer: A Section: (none) Explanation



## **Explanation/Reference:**

#### **QUESTION 13**

Which of the following statements about block virtualization technology for Huawei storage systems are correct? (Choose all that apply.)

- A. A CKG is the unit used in applying for space, releasing space, and relocating data.
- B. Data reconstruction efficiency improves significantly.
- C. A RAID group is formed in the unit of physical disks.
- D. Data is distributed to all disks, fully leveraging the read/write processing capability of a storage system.

Correct Answer: ABD

Section: (none) Explanation

## **Explanation/Reference:**

#### **QUESTION 14**

Which of the following operating systems supports the CIFS protocol natively?

- A. Solaris
- B. AIX
- C. FreeBSD
- D. Win7

Correct Answer: D Section: (none) Explanation

## **Explanation/Reference:**

## **QUESTION 15**

Statement 1: A disk drive with a high latency performs better than a disk drive with a low latency.

Statement 2: A smaller seek time means that the disk performs better.

A. Statement 1 and 2 are true.



B. Statement 1 is true; Statement 2 is false.

C. Statement 1 is false; Statement 2 is true.

D. Statement 1 and 2 are false.

Correct Answer: C Section: (none) Explanation

## **Explanation/Reference:**

## **QUESTION 16**

Match the RAID level with the characteristics. (1)RAID 0 (2)RAID 5 (3)RAID 10 (4)RAID 6 (a) Cost effective (b)Allows double disk failure (c)Highest performance (d) No data protection.



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A. 1 - d; 2 - a; 3 - b; 4 - c

B. 1-a; 2-d; 3-b; 4-c

C. 1-a; 2-b; 3-c; 4-d

D. 1 - d; 2 - a; 3 - c; 4 - b

Correct Answer: D Section: (none) Explanation

## **Explanation/Reference:**

## **QUESTION 17**

What is typical for a DAS solution? (Choose all that apply.)



- A. Sharing of files between DAS solutions is possible via the network.
- B. Consists of a server/host with its locally connected disk drives.
- C. More scaleable in capacity than a SAN solution.
- D. Backups are centrally made on a special backup server.

Correct Answer: BD Section: (none) Explanation

## **Explanation/Reference:**

#### **QUESTION 18**

Select the correct statements that describe the properties of bus technology in ICT architecture. (Choose all that apply.)

- A. Bus technology are only available in serial form.
- B. Bus can be divided into internal bus and external bus.
- C. The CPU needs to go through the memory to directly access the Bus.
- D. Bus is a communication system that transfers data between internal components and external components.

Correct Answer: BD Section: (none) Explanation

## **Explanation/Reference:**

#### **QUESTION 19**

Data and Information are the same thing.

- A. TRUE
- B. FALSE

Correct Answer: B Section: (none) Explanation



What are components of an ICT infrastructure? (Choose all that apply.)

- A. Software
- B. Hosts and Servers
- C. Backup Devices
- D. Network switches

Correct Answer: BCD

Section: (none) Explanation

#### **Explanation/Reference:**

#### **QUESTION 21**

Which of the following statements are characteristics of pre-copy technology? (Choose all that apply.)

- A. Improves system reliability.
- B. Reduces system performance.
- C. Migrates data from a suspected faulty disk to a hot spare disk immediately after the error count of the suspected faulty disk exceeds the preset threshold.

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D. Reduces the occurrence of reconstruction.

Correct Answer: ACD

Section: (none) Explanation

## **Explanation/Reference:**

#### **QUESTION 22**

Statement 1: A company should know what the Cost Of Downtime is to determine the backup strategy.

Statement 2: For the business continuity it is not important to determine the RTO.

- A. Statement 1 and Statement 2 are both True.
- B. Statement 1 is False; Statement 2 is True.
- C. Statement 1 and Statement 2 are both False.
- D. Statement 1 is True; Statement 2 is False.



Correct Answer: D Section: (none) Explanation

## **Explanation/Reference:**

#### **QUESTION 23**

What is the purpose of context for data?

- A. Context is optional when collecting and analyzing data.
- B. Context gives comparison between data and information.
- C. Context gives meaning to the data collected. Without context the data is meaningless.
- D. Context is only found in data and not in information.

Correct Answer: C Section: (none) Explanation

#### **Explanation/Reference:**



#### **QUESTION 24**

What statement about the SATA and SAS technologies is true?

- A. Both SATA and SAS are intelligent protocols with intelligent devices.
- B. Both use full-duplex communication.
- C. Both use serial communication.
- D. SATA and SAS support the same maximum number of devices on the bus.

Correct Answer: C Section: (none) Explanation

# Explanation/Reference:

#### **QUESTION 25**



Which of the following occurs after multipathing software is installed on a host? (Choose all that apply.)

- A. Improves link reliability and prevents the failure of a single link from causing a system failure.
- B. Sets up connection between a storage device and the host.
- C. Avoids logical errors from occurring in the operating system as a result of multiple reachable paths to the same LUN.
- D. Maps a LUN to the host.

Correct Answer: ACD

Section: (none) Explanation

# Explanation/Reference:

## **QUESTION 26**

What statement is true?

- A. IT managers should determine the retention period for data.
- B. Information Life Cycle management must be based on the costs for the storage hardware.
- C. Storing a lot of random, unstructured data can become a management problem for many companies.
- D. Technology is the main factor that decides which disaster recovery method will be implemented.

Correct Answer: B Section: (none) Explanation

## **Explanation/Reference:**

#### **QUESTION 27**

Grid storage employs the combination of large scale serial distributed storage to provide even distribution of storage across all nodes.

- A. FALSE
- B. TRUE

Correct Answer: B Section: (none) Explanation

## **Explanation/Reference:**

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The restore time objective (RTO) specifies the time needed to recover the data and servers after a disaster has occurred.

- A. FALSE
- B. TRUE

Correct Answer: B Section: (none) Explanation

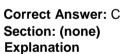
## **Explanation/Reference:**

#### **QUESTION 29**

Statement 1: Virtual Tape Libraries allow for a highly scalable backup strategy as storage can be added later.

Statement 2: Virtual Tape Libraries should be used when remote datacenters are NOT available.

- A. Both statements 1 and 2 are false
- B. Statement 1 is false and statement 2 is true
- C. Statements 1 and 2 are both true
- D. Statement 1 is true and statement 2 is false.



## **Explanation/Reference:**

#### **QUESTION 30**

Statement 1: If possible it is always advised to make only Full Backups.

Statement 2: LAN free backups typically run slower than LAN based backups.

- A. Statements 1 and 2 are both true.
- B. Both statements 1 and 2 are false.
- C. Statement 1 is true and statement 2 is false.
- D. Statement 1 is false and statement 2 is true.





Correct Answer: C Section: (none) Explanation

## **Explanation/Reference:**

#### **QUESTION 31**

Statement 1: Every time a tape is used to restore data, some data will be lost.

Statement 2: Backup strategies that use tape as backup media typically have a high RTO.

- A. Statements 1 and 2 are true.
- B. Statements 1 and 2 are false.
- C. Statement 1 is false; Statement 2 is true.
- D. Statement 1 is true; Statement 2 is false.

Correct Answer: C Section: (none) Explanation



## **Explanation/Reference:**

#### **QUESTION 32**

HyperReplication for HUAWEI OceanStor V3 can use FC links between the data centers. ISCSI links are not supported.

- A. TRUE
- B. FALSE

Correct Answer: B Section: (none) Explanation

## **Explanation/Reference:**

#### **QUESTION 33**

Which is NOT the limitation of DAS, compared with SAN?



- A. Large investment
- B. Poor scalability
- C. Difficult resource sharing
- D. Decentralized management

Correct Answer: A Section: (none) Explanation

## **Explanation/Reference:**

**QUESTION 34** 

Which statement is true about RAID 2.0+?

- A. RAID 2.0+ has a higher RAID overhead than traditional RAID types.
- B. Chunks belonging to a file will never be written on the same physical disk.
- C. RAID 2.0+ allows for a complete enclosure to fail without causing data loss.
- D. With RAID 2.0+ it is supported to select no hot spare disks.

Correct Answer: D Section: (none) Explanation



## **Explanation/Reference:**

#### **QUESTION 35**

Storage controllers can be separated from the chassis of disk enclosures. It does not need to be integrated in design with the disk enclosures.

- A. TRUE
- B. FALSE

Correct Answer: A Section: (none) Explanation



Which of the following is correct? (Choose all that apply.)

- A. SmartTier supports a High Performance, a Performance, a High Capacity and a Capacity Tier.
- B. Only when a snapshot is activated will the system record all changes to the original LUN.
- C. To write data to the secondary LUN of a clone pair, the pair must be split.
- D. A snapshot needs to be removed from the LUN group to be fully unmapped.

Correct Answer: BCD Section: (none) Explanation

#### **Explanation/Reference:**

#### **QUESTION 37**

In a NAS environment entire files are sent across the Ethernet based network. The NAS server however stores these files in the form as SCSI blocks mostly on multiple disks using RAID protection.

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A. FALSE

B. TRUE

Correct Answer: B Section: (none) Explanation

## **Explanation/Reference:**

#### **QUESTION 38**

Statement 1: The higher the number used to indicate the RAID level, the higher the overhead.

Statement 2: RAID 10 stripes the data, then mirrors the stripe set.

- A. Statements 1 and 2 are both true.
- B. Statement 1 is true and statement 2 is false.
- C. Statement 1 is false and statement 2 is true.
- D. Both statements 1 and 2 are false.



Correct Answer: D Section: (none) Explanation

#### **Explanation/Reference:**

#### **QUESTION 39**

Which of the following statements about RAID 5 are correct? (Choose all that apply.)

- A. RAID 5 uses the XOR algorithm for parity.
- B. RAID 5 tolerates the failure of a maximum of two member disks without losing data.
- C. RAID 5 has fixed parity disks.
- D. RAID 5 writes data by stripes.

Correct Answer: AD Section: (none) Explanation

## **Explanation/Reference:**



#### **QUESTION 40**

Dual-switch networking is widely applied in Fibre Channel SANs. Which of the following are its characteristics? (Choose all that apply.)

- A. Two Fibre Channel switches are deployed in a SAN for connecting to the two controllers of a storage device.
- B. Per host two fibre channel ports should be available. The two Fibre Channel ports connect to two Fibre Channel switches.
- C. As multiple paths exist, the dual switch networking mode supports link redundancy but does not support load balancing.
- D. The ports on the two Fibre Channel switches connecting to the hosts and storage device must reside in the same zone.

Correct Answer: ABD Section: (none) Explanation

# **Explanation/Reference:**

#### **QUESTION 41**

In a clustered NAS architecture, which of the following allows multiple file system to be consolidated and does not need to be managed separately?



- A. Global Cache.
- B. Global Concurrency.
- C. Global Namespace.
- D. Global Sharing.

Correct Answer: C Section: (none) Explanation

**Explanation/Reference:** 

#### **QUESTION 42**

In order to make full use of storage resources, on which tier are SSDs usually configured in a tiered storage system?

- A. Capacity tier
- B. Performance tier
- C. High-performance tier
- D. Offline storage

Correct Answer: C Section: (none) Explanation



# **Explanation/Reference:**

## **QUESTION 43**

Which of the following statements about RAID 6 is incorrect?

- A. RAID 6 requires at least three member disks.
- B. Frequently used RAID 6 technologies include RAID 6 P+Q and RAID 6 DP.
- C. RAID 6 requires two-level parity.
- D. RAID 6 can recover data after two member disks fail.

Correct Answer: A Section: (none) Explanation



## **Explanation/Reference:**

## **QUESTION 44**

What is best described as: the time it takes for the desired data to be beneath the read head when the head is on the correct track?

- A. Rotational latency
- B. Seek time
- C. Rotational speed
- D. Throughput

Correct Answer: B Section: (none) Explanation

## **Explanation/Reference:**

#### **QUESTION 45**

Select which of the following is not a property of Distributed Object Storage Architecture.



- B. Online expansion.
- C. Automatic load balancing.
- D. Global namespace.

Correct Answer: A Section: (none) Explanation

## **Explanation/Reference:**

## **QUESTION 46**

Select the correct statements that describe the properties of Distributed Storage Architecture. (Choose all that apply.)

- A. The storage nodes are non centralized.
- B. Non concurrent I/O access.

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- C. The storage nodes are centralized.
- D. Concurrent I/O access.

Correct Answer: AD Section: (none) Explanation

## **Explanation/Reference:**

#### **QUESTION 47**

In HUAWEI OceanStor V3, for synchronous replication to be successful, all host applications must be paused during the replication update process.

A. TRUE

B. FALSE

Correct Answer: B Section: (none) Explanation

**Explanation/Reference:** 



#### **QUESTION 48**

Incremental backup requires the last full backup and each incremental backup to fully restore data. Data reconstruction is therefore slower compared with full backups.

A. FALSE

B. TRUE

Correct Answer: A Section: (none) Explanation

**Explanation/Reference:** 

#### **QUESTION 49**

In a good Disaster Recovery Plan there are no single points of failure, not even with any single person.



A. FALSE B. **TRUE** 



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Correct Answer: B Section: (none) **Explanation** 

**Explanation/Reference:** 

QUESTION 50
Which of the following is an example of unstructured data? (Choose all that apply.)

- A. SQL Databases
- B. Images
- C. Video
- D. NoSQL Databases

Correct Answer: BC Section: (none) **Explanation** 

**Explanation/Reference:** 

#### **QUESTION 51**

Storage array is a network device used to switching network signals or data. It can provide a dedicated communication channel between any 2 nodes in the network that is connected.



A. FALSE

B. TRUE

Correct Answer: A Section: (none) Explanation

## **Explanation/Reference:**

#### **QUESTION 52**

Statement 1: NAS systems must be interconnected using fiber optic cables.

Statement 2: A network protocol is the way in which an operating system accesses a file that is on a network connected device.

- A. Statement 1 is false and statement 2 is true.
- B. Statements 1 and 2 are both true.
- C. Statement 1 is true and statement 2 is false.
- D. Both statements 1 and 2 are false.

Correct Answer: A Section: (none) Explanation



## **Explanation/Reference:**

#### **QUESTION 53**

Connecting an OceanStor 5300 V3 to three disk enclosures requires ....... SAS cables.

- A. 12
- B. 3
- C. 6
- D. 9

Correct Answer: C Section: (none) Explanation



Statement 1: An ICT infrastructure should be built with high end equipment and be located in one site.

Statement 2: A server is a rackmounted enterprise version of a desktop computer and typically has more than one hard disk installed.

- A. Statement 1 is True; Statement 2 is False.
- B. Statement 1 is False; Statement 2 is True.
- C. Statement 1 and Statement 2 are both True.
- D. Statement 1 and Statement 2 are both False.

Correct Answer: C Section: (none) Explanation

## **Explanation/Reference:**

#### **QUESTION 55**

Which of the following is not a port type defined by Fibre Channel?

- A. E-Port
- B. F-Port
- C. NL-Port
- D. G-Port

Correct Answer: D Section: (none) Explanation

## **Explanation/Reference:**

#### **QUESTION 56**

The maintenance network port is used, by the DeviceManager, for daily management.

- A. FALSE
- B. TRUE





Correct Answer: B Section: (none) **Explanation** 

## **Explanation/Reference:**

#### **QUESTION 57**

Application program interface (API) is a set of routines, protocols, and tools for building software applications.

A. FALSE

B. TRUE

Correct Answer: B Section: (none) **Explanation** 

## **Explanation/Reference:**

QUESTION 58
It is a device which manages the physical disk drives and presents them to the users as logical units. Which of the following device fits the above description?

- A. Host.
- B. Storage Controller.
- C. Storage Cache.
- D. Storage NIC.

Correct Answer: B Section: (none) **Explanation** 

# **Explanation/Reference:**

## **QUESTION 59**

Which of the following statements about the differences between DAS and SAN is incorrect?

A. SAN uses the Fibre Channel or iSCSI protocol and therefore offers better scalability.



- B. DAS applies to small and medium LANs that have general storage capacity requirements and only a small number of servers.
- C. DAS and SAN are both external storage and can achieve storage resource sharing easily.
- D. SAN applies to mid-range and high-end storage application environments such as key databases, centralized storage, mass storage, backup, and disaster recovery.

Correct Answer: C Section: (none) Explanation

## **Explanation/Reference:**

## **QUESTION 60**

Which of the following is the common physical size division of the surface of the hard disk? (Choose all that apply.)

- A. Partition.
- B. Sector.
- C. Cylinder.
- D. Track.

Correct Answer: BCD Section: (none) Explanation



# **Explanation/Reference:**

#### **QUESTION 61**

Which module is not in the disk enclosure of a storage device?

- A. Power module
- B. Expansion module
- C. BBU module
- D. Fan module

Correct Answer: B Section: (none) Explanation



Which of the following are existing Solid State Disk types? (Choose all that apply.)

A. TLC

B. SLC

C. DLC

D. eMLC

Correct Answer: ABD

Section: (none) Explanation

## **Explanation/Reference:**

## **QUESTION 63**

Which of the following allows direct physical access to end users?

A. Network Switch.

B. Backup System.

C. Storage Array.

D. Clients.

Correct Answer: D Section: (none) Explanation

## **Explanation/Reference:**

#### **QUESTION 64**

CIFS can be run on UDP as well as on TCP.

A. FALSE

B. TRUE

Correct Answer: B Section: (none) Explanation





## **Explanation/Reference:**

## **QUESTION 65**

Which of the following storage devices are non volatile? (Choose all that apply.)

- A. Hard Disk
- B. RAM
- C. Magnetic Tape
- D. DVD

Correct Answer: ACD

Section: (none) Explanation

## **Explanation/Reference:**

#### **QUESTION 66**

Using RAID 2.0+ technology the rebuilding time, when a disk fails, is much shorter than with traditional RAID.

- A. TRUE
- B. FALSE

Correct Answer: A Section: (none) Explanation

## **Explanation/Reference:**

## **QUESTION 67**

Which of the following is NOT true for a tape library?

- A. Backup software will allow multiple backup jobs to run simultaneously.
- B. Can be a disk based Virtual tape library.
- C. Should be in the same datacenter as the production data for easy restores.
- D. Ideally allows remote connections using FC and/or iSCSI.

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Correct Answer: C Section: (none) Explanation

## **Explanation/Reference:**

**QUESTION 68** 

Statement 1: Traditional PC's are usually cheaper to maintain than a cloud desktop.

Statement 2: In a cloud system, data is centrally stored and managed.

A. Statement 1 and 2 are true.

B. Statement 1 and 2 are false.

C. Statement 1 is true; Statement 2 is false.

D. Statement 1 is false; Statement 2 is true.

Correct Answer: C Section: (none) Explanation

## **Explanation/Reference:**



#### **QUESTION 69**

Which of the following statements about reconstruction is incorrect?

A. RAID 0, 1, 5, 6, and 10 support reconstruction

B. Reconstruction affects system performance

C. Reconstruction does not interrupt system services

D. Reconstruction requires hot spare disks

Correct Answer: D Section: (none) Explanation

**Explanation/Reference:** 

**QUESTION 70** 



Data is the record that reflects the attributes of objective things and is the physical manifestation of	i of information.
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A. TRUE

B. FALSE

Correct Answer: A Section: (none) Explanation

## **Explanation/Reference:**

## **QUESTION 71**

ICT is a technological field that combines information technology and communication technology.

A. TRUE

B. FALSE

Correct Answer: A Section: (none) Explanation



# **Explanation/Reference:**

## **QUESTION 72**

The mount command is used in Linux-based clients to connect the client to the NFS share.

A. TRUE

B. FALSE

Correct Answer: A Section: (none) Explanation

## **Explanation/Reference:**

#### **QUESTION 73**



Because they are cheap and still have a large capacity we can say that cMLC Solid State Disks are ideal for storing MP3 files and JPGs at home.

A. FALSE

B. TRUE

Correct Answer: B Section: (none) Explanation

## **Explanation/Reference:**

#### **QUESTION 74**

A traditional RAID 10 set always has an even number of disks.

A. FALSE

B. TRUE

Correct Answer: B Section: (none) Explanation



## **Explanation/Reference:**

#### **QUESTION 75**

Which of the following statements about the coffer disks of the HUAWEI V3 series storage systems are correct? (Choose all that apply.)

- A. Coffer disks store cache data to prevent data loss after a power failure.
- B. Coffer disks cannot be used to save service data.
- C. The first 2 disks in a controller enclosure are coffer disks.
- D. BBUs supply power to cache and coffer disks in the event of unexpected power failure.

Correct Answer: AD Section: (none) Explanation



The failure of an SSD is more predictable than that of other disk technologies.

A. FALSE

B. TRUE

Correct Answer: B Section: (none) Explanation

## **Explanation/Reference:**

#### **QUESTION 77**

A company that primarily has static data (like map data or JPG files) does not profit much from the HUAWEI OceanStor V3 SmartTier functionality.

A. FALSE

B. TRUE

Correct Answer: B Section: (none) Explanation



## **Explanation/Reference:**

#### **QUESTION 78**

SmartThin provided by HUAWEI OceanStor V3 storage systems is a technology that manages storage space by allocating storage resources on demand. Based on virtualization, SmartThin reduces physical storage resources to be deployed, maximizing storage space use efficiency.

A. FALSE

B. TRUE

Correct Answer: B Section: (none) Explanation



You are tasked to setup a SAN storage system that has the following requirements: (1) To minimize the workload on server resources. (2) Optimize the capabilities on storage system for deduplication. Select the following options that fits the scenario above. (Choose all that apply.)

- A. Usage of TCP/IP offload engine technology to do processing on HBA cards on the server to minimize the usage of server resources.
- B. Offload the storage processing tasks to the server to optimize the data deduplication.
- C. Adding hardware acceleration module to the storage system to optimize the performance of data deduplication.
- D. Use NIC instead of HBA cards to minimize the host resource consumption during I/O operations.

Correct Answer: AC Section: (none) Explanation

**Explanation/Reference:** 

#### **QUESTION 80**

Which of the following statements are true for a NAS solution? (Choose all that apply.)

- A. CIFS and NFS are both commonly used protocols
- B. NAS clients are connected to the NAS server using Ethernet switches
- C. Cable length is around 10 m
- D. Block size is configurable

Correct Answer: AB Section: (none) Explanation

**Explanation/Reference:** 

#### **QUESTION 81**

It is an electronic device controlled by a motor that moves the hard drive head arm. Which of the following component fits the above description?

- A. Motor
- B. Actuator
- C. Spindle
- D. Platter



Correct Answer: B Section: (none) Explanation

# **Explanation/Reference:**

**QUESTION 82** 

The storage controller can only provide processing and caching functions.

A. FALSE

B. TRUE

Correct Answer: A Section: (none) Explanation

## **Explanation/Reference:**

## **QUESTION 83**

A zone in a FC switch determines which ports of the FC switch can be connected together.

A. TRUE

B. FALSE

Correct Answer: A Section: (none) Explanation

## **Explanation/Reference:**

#### **QUESTION 84**

Statement 1: The retention period determines how many times per day a backup must be made.

Statement 2: Incremental backups take a lot of time to complete.

- A. Statement 1 is false; Statement 2 is true
- B. Statement 1 and 2 are true
- C. Statement 1 and 2 are false



D. Statement 1 is true; Statement 2 is false

Correct Answer: C Section: (none) Explanation

