

Exam : HP HP0-661

**Title : NonStop Systems and
Technologies**

Version : Demo

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1. Which advantage does the NonStop S-series RISC processor provide over CISC processors in earlier systems?

- A. customized, special purpose instructions
- B. numerous addressing modes
- C. optimized instruction pipelines
- D. multicycle machine instructions

Answer: C

2. Which statement best describes disk cache blocks?

- A. Entry sequenced index blocks are always kept in cache.
- B. Different disk cache block sizes exist to assist in performance tuning.
- C. Different file types require different disk cache block sizes.
- D. Changes to disk cache block values take effect after the next system cold load.

Answer: B

3. Power to the NonStop S-series enclosures is set to the proper voltage by _____.

- A. configuring the power switch on the PMCU
- B. auto-ranging circuitry within the power supply
- C. ordering the proper part number for the voltage required
- D. ordering the power adapter appropriate to the voltage supplied

Answer: B

4. A service processor _____. Select TWO.

- A. has interfaces to both the ServerNet hardware and the serial maintenance bus (SMB)
- B. runs its own independent operating system
- C. connects directly to system fans
- D. routes Guardian interprocess communications
- E. manages communications only to the processor within its enclosure

Answer: AB

5. What is a mandatory requirement for installing a single-enclosure NonStop S74000 server?

- A. raised floor
- B. ventilated room
- C. air conditioning
- D. 240V power

Answer: B

6. Which term identifies a collection of routers and ServerNet links?

- A. adapter
- B. fabric

- C. SAC
- D. LIF

Answer: B

7. Which component does NOT contain at least one ServerNet Addressable Controller?

- A. IOMF CRU
- B. SWAN concentrator
- C. E4SA
- D. PMF CRU

Answer: B

8. ServerNet routing tables are generated based on the _____? Select TWO.

- A. SCF configured settings in the \$ZZKRN subsystem
- B. settings in the group ID switches
- C. number of routers between nodes
- D. manner in which the SEB cables are routed
- E. ServerNet topology configuration setting for the group

Answer: BE

9. Which peripherals can you connect to a NonStop S-series server via AWAN?

- A. ATM devices
- B. standard serial printers
- C. tape drives
- D. X.25 connected devices

Answer: B

10. Group numbers are important because they _____.

- A. correspond to the processor numbers housed within the group
- B. identify the system enclosure in which a system component is located
- C. provide the ability to easily switch disk drives from group to group
- D. determine the order in which I/O enclosures are added to the system

Answer: B

11. TSM workstations can be connected to either a public LAN or a dedicated TSM LAN. Which functions are available to TSM when installed for use on the Public LAN? Select TWO.

- A. low level link
- B. service application
- C. EMS event viewer
- D. system start

E. notification director

Answer: BC

12. Two processors within a single enclosure connect to each other through which component?

- A. SEBs
- B. PMCU
- C. backplane
- D. IOMFs

Answer: C

13. A ServerNet buffer board is a part of _____.

- A. an IOMF CRU
- B. a PMF CRU
- C. a SWAN concentrator
- D. a PMCU

Answer: A

14. What is the primary function of the Expand subsystem?

- A. transfers data between geographically dispersed NonStop systems
- B. allows a single node to grow beyond 16 processors
- C. connects multiple NonStop systems together to form one network
- D. connects NonStop systems to systems manufactured by other vendors

Answer: C

15. What are advantages of a message-based operating system architecture? Select TWO.

- A. It supports system and peripheral expansion to match business growth.
- B. All messages are shared between processes using shared-memory buffers.
- C. Programmers can select different memory buffer sizes based on message priority.
- D. Applications do not need to be modified when adding new hardware or processes since the operating system translates device and process names into their physical locations.
- E. Additional networking software is not needed to extend the capability of the message-based operating system to a network of NonStop systems.

Answer: AD

16. Why does disk I/O throughput improve as systems are expanded?

- A. Disk process checkpointing is reduced.
- B. More logical volumes are available for use.
- C. Larger NonStop TMF audit trails are possible.
- D. The newly added disks are faster.

Answer: B

17. In accessing a local process, users and user programs need only provide the name of the process. Why?

- A. The file system translates the process name to a physical location using internal tables.
- B. All processes on the system keep tables that contain the names of all other processes on the system.
- C. A process in a processor can only communicate with other processes in the same processor.
- D. Processes do not communicate by name as they need to know the location of the process they are trying to access.

Answer: A

18. An enterprise management tool is typically used to operate and manage _____.

- A. computer systems from different vendors
- B. similar computer systems spread throughout a large enterprise
- C. distributed database systems on large networks
- D. multiple databases on a single system

Answer: A

19. Which software is required to implement RDF?

- A. TCP/IP
- B. NonStop TMF
- C. NonStop TS/MP
- D. RSC

Answer: B

20. A business transaction consists of _____.

- A. all steps necessary to transform a database from one consistent state to another
- B. all steps necessary to transform a data file from one consistent state to another
- C. all steps necessary to transform a local database from one consistent state to another
- D. an individual record update on a local or remote data file

Answer: A

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