

BCS Level 4 Award in Server QAN 603/3254/2

Specimen Paper A

Record your surname / last / family name and initials on the answer sheet.

Specimen paper only 20 multiple-choice questions – 1 mark awarded to each question. Mark only one answer to each question. There are no trick questions.

A number of possible answers are given for each question, indicated by either **A. B. C. or D.** Your answers should be clearly indicated on the answer sheet.

Pass mark is 13/20.

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This qualification is regulated by Ofqual (in England).

1 A load balancer server is reporting 'misconfigured' due to a recent power outage. CPU cache and RAM have been erased due to the outage. How can this issue be prevented?

- A** Purchase a UPS.
- B** Purchase additional RAM.
- C** Reconfigure the load balancer.
- D** Reduce the number of nodes.

2 Which Microsoft Server monitoring tool allows the creation of a new Data Collector Set?

- A** Task Manager.
- B** Resource Monitor.
- C** Performance Monitor.
- D** Reliability Monitor.

3 What is the generic name for the family of WiFi standards?

- A** 802.11x.
- B** 802.11X.
- C** 801.11x.
- D** 801.11X.

4 A technician has been asked to enable remote desktop on the company server for remote access. How can this task be performed?

- A** Server Manager>Dashboard>Add Roles and Features.
- B** Server Manager>Dashboard>Add Other Servers to Manage.
- C** Server Manager>Dashboard>Configure Local Server.
- D** Server Manager>Dashboard>Create Server Group.

5 Which troubleshooting tool will resolve a name of an IP address?

- A** Stc /scannow.
- B** Telnet.
- C** Cipher.
- D** Nslookup.

- 6 Which of the following is required for a server to run Active Directory Domain Services (ADDS)?
- A The server must be a domain controller.
 - B The server must be a database server.
 - C A user agent must be installed on the server.
 - D The server must be a domain name server.
- 7 A user has received the message 'the proxy server isn't responding'. Access to web traffic is lost. Where would proxy settings be confirmed?
- A Tools>Internet options>Connections>Setup.
 - B Tools>Internet options>Connections>LAN settings.
 - C Tools>Internet options>Privacy>Sites.
 - D Tools>Internet options>Advanced>Restore advanced settings.
- 8 What transition does **NOT** take place between mobile hosts in wireless networks?
- A Access point.
 - B Basic service set.
 - C Data set.
 - D Extended service set.
- 9 What process allows a redundant array of independent disks (RAID) to write and read identical data to pairs of drives?
- A Striping with parity.
 - B Striping with double parity.
 - C Mirroring.
 - D Striping and mirroring.
- 10 What is the loopback IP address when using IPv4?
- A 192.168.0.1
 - B 127.0.0.1
 - C 110.0.0.1
 - D 192.0.0.1

- 11 What type of server issues IP address to clients?
- A NTP.
 - B DHCP.
 - C SQL.
 - D DNS.
- 12 A technician troubleshooting a server types IPCONFIG at a command prompt, what will they **NOT** be able to discover?
- A IP address.
 - B Subnet mask.
 - C MAC address.
 - D Default gateway.
- 13 A file cannot be read or written on an SSD device. Which of the following is **MOST LIKELY** to be the defect?
- A Bad sectors.
 - B Sharing violation.
 - C Loss of power.
 - D Incompatibility error.
- 14 **TYPICALLY**, the failure of which of the following can lead to a non-catastrophic server failure?
- A Hard drive.
 - B Motherboard.
 - C Power supply.
 - D Uninterruptible power supply.
- 15 What are the **MAIN** functions of the IP protocol?
- A Routing and switching.
 - B Security and addressing.
 - C Routing and addressing.
 - D Security and switching.

- 16 Which TCP/IP layer is used for routing data to the correct destination?
- A Internet.
 - B Application.
 - C Host-to-network.
 - D Transport.
- 17 Where are Group Policy object settings stored?
- A C: \ Windows \ Sysvol \ sysvol \ <domainname> \ Policies.
 - B C: \ PolicyDefinitions \ folder.
 - C User Configuration \ Policies \ Windows Settings \ Folder.
 - D Computer Configuration \ Policies \ Windows Settings \ Security.
- 18 A technician is installing Microsoft Server 2012 R2. During setup, the partitioned drive doesn't appear on the 'Where do you want to install Windows?' box. Which button **SHOULD** be pressed for the drive to appear?
- A Refresh.
 - B Extend.
 - C Delete.
 - D Load driver.
- 19 Which troubleshooting tool displays the current routing table of a local system?
- A route ADD
 - B route PRINT
 - C route CHANGE
 - D route DELETE
- 20 Which of the following statements about a storage area network (SAN) is TRUE?
- A It is a local network of a single device.
 - B It is a local network of multiple devices.
 - C It is a global network of multiple devices.
 - D It is a personal network of multiple devices.



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