

BCS Level 3 Award in Mobile and Operating Systems QAN 603/0134/X

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 company device is stolen which has not been encrypted. Which of the following are now potentially available to the thief?
- a) Biometric identifiers.
 - b) Company phone numbers.
 - c) Confidential emails.
 - d) Company email addresses.
- A a, b and c only.
B b, c and d only.
C a, c and d only.
D a, b and d only.
- 2 A user calls a technician and asks if a new application can be installed on their company mobile device. Which of the following **SHOULD** be the first consideration before authorising this request?
- A An anti-virus scan of the application.
B Increased data usage.
C Impact on device performance.
D Security of the company data.
- 3 An authentication scheme which test something the users has, something the user knows and something the user is, is commonly referred to as what?
- A Multi-factor.
B Biometric.
C Continuous.
D Impersonal.
- 4 An infrastructure technician has been using the commands ipconfig, ping and tracter. What type of problem have they been trying to solve?
- A Hard disk.
B Software.
C Network.
D Printer.

- 5 An infrastructure technician is configuring a firewall and has been asked to create a rule permitting secure web traffic. Which port will need to be enabled?
- A 21.
B 23.
C 80.
D 443.
- 6 An infrastructure technician is using Windows Remote Desktop at the helpdesk to remotely troubleshoot a user's Windows PC. Which port needs to be opened on the network to allow this connection?
- A 80.
B 88.
C 3389.
D 8080.
- 7 An infrastructure technician needs to modify a Linux configuration file using a text editor. Which of the following utilities **COULD** be used?
- a) Vi or Vim.
b) Gimp.
c) Pico.
d) Nano.
- A a, b and c only.
B b, c and d only.
C a, b and d only.
D a, c and d only.
- 8 Which company and client policy would provide guidance on the types of IT-related activity that employees can use a device for?
- A Security.
B Acceptable use.
C Disaster recovery.
D Remote wipe.

- 9 Enterprise policy may be used to secure data on a mobile device that is issued to an employee. Which type of administrative tasks **COULD** an organisation perform remotely?
- a) Remove sensitive data from messages.
 - b) Lock or wipe a device.
 - c) Reset a password.
 - d) Change confirmation settings.
- A b, c and d only.
B a, c and d only.
C a, b and d only.
D a, b and c only.
- 10 HTTPS uses PKI to generate two encryption keys. These are commonly referred to as what?
- A Professional and protected.
B Private and professional.
C Public and protected.
D Public and private.
- 11 Server 2012 R2 is an operating system from which company?
- A Apple.
B Solaris.
C Microsoft.
D RedHat.
- 12 The sales manager reports their mobile stolen. Which is the **MOST** effective option to prevent company data being stolen?
- A Screen lock.
B GPS tracking.
C Remote wipe.
D Notify the police.

- 13 **TYPICALLY**, in which device would a TPM chip be found?
- A Mobile phone.
 - B Tablet.
 - C Laptop.
 - D Printer.
- 14 VOIP communication does not have quality of service guarantees. What is this concept commonly referred to?
- A Best transfer.
 - B Best intentions.
 - C Best effort.
 - D Best communications.
- 15 What does SSL mean?
- A Single Socket Link.
 - B Secure Sockets Layer.
 - C Secure Sockets Link.
 - D Single Security Layer.
- 16 What is a possible side effect of disabling User Account Control (UAC)?
- A Viruses can enable themselves silently.
 - B Users will have access to all areas of the system.
 - C Device drivers will not install properly.
 - D Users will be unable to make an internet connection.
- 17 What is the **MAIN** purpose of end-to-end testing?
- A To ensure data integrity between system components.
 - B To run alternative configurations to find the best one.
 - C To run all components at their maximum capacity.
 - D To identify areas for improved performance.

- 18 Which of the following secures data in transit?
- A FTP.
 - B Block level encryption.
 - C IPsec.
 - D File level encryption.
- 19 What is the **MAIN** role of a text editor?
- A Create and edit business documents.
 - B Editing sound files.
 - C Editing image files.
 - D Editing program and configuration files.
- 20 What system loads **first** when booting a PC?
- A BIOS.
 - B Word processor.
 - C Operating system.
 - D Firmware.

-End of Paper-