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 tracert. 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.
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.

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.

Server 2012 R2 is an operating system from which company?

A  Apple.
B  Solaris.
C  Microsoft.
D  RedHat.

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-