THE LIVE VERSION OF THIS PAPER WILL CONTAIN A TOTAL OF 30 QUESTIONS

THE SAMPLE ASSESSMENT MATERIALS WILL CONTAIN A TOTAL OF 10 QUESTIONS

Turn over ▶

Pearson

Some questions must be answered with a cross in a box ⊠. If you change your mind about an answer, put a line through the box ⊠ and then mark your new answer with a cross ⊠.

1 Which of these platforms is hosted remotely?

(1)

Select **one** option.

☒ **A** Cloud-delivered

☒ **B** Conventional

☒ **C** Desktop

☒ **D** Thin-client

2 Which of these is a characteristic of open source operating systems as opposed to proprietary software?

(1)

Select **one** option.

☒ **A** Applications are already installed

☒ **B** The ability to modify code

☒ **C** Access to paid for support

☒ **D** It is preinstalled on hardware

3 An organisation is in the process of creating a new database to operate its human resources functions.

Why is it essential that this database is compatible with legacy systems?

(1)

Select **one** option.

- ☒ **A** To reduce set up costs
- ☒ **B** To improve the functionality
- ☒ **C** To ensure the integrity of data
- ☒ **D** To increase load capacity

4 Which of these native applications is used to automate tasks via scripts and batch files?

(1)

Select **one** option.

- ☒ **A** File manager
- ☒ **B** Disk check
- ☒ **C** Text editor
- ☒ **D** Command line

5 What should an infrastructure technician do during the planning stage of configuring hardware?

(1)

Select **one** option.

- ☒ **A** Schedule jobs to minimise downtime
- ☒ **B** Investigate the requirements for new systems
- ☒ **C** Produce a list of potential purchase options
- ☒ **D** Define the budget for software licences

6 Which of these methods allows an infrastructure technician to boot from a network server before booting on the local drive?

(1)

Select **one** option.

☒ **A** Safe boot

☒ **B** PXE boot

☒ **C** USB boot

☒ **D** Disc boot

7 After installing an operating system an infrastructure technician completes a load test.

What is the purpose of this test?

(1)

Select **one** option.

☒ **A** To assure compliance to the original system specification

☒ **B** To check for system vulnerabilities and exploits

☒ **C** To ensure the system copes during periods of high demand

☒ **D** To ensure the system to be accessible and usable

8 An infrastructure technician is responsible for managing users for an organisation.

Why should they have a trust repudiation process?

(1)

Select **one** option.

☒ **A** To enable employees to use their own devices.

☒ **B** To improve server speeds

☒ **C** To prevent unauthorised access to accounts

☒ **D** To ensure communications are encrypted

9 An employee has connected their tablet to a public Wi-Fi hotspot.

Why is it essential to use encryption?

(1)

Select **one** option.

⊠ **A** To prevent snooping

⊠ **B** To improve network performance

⊠ **C** To resolve IP address conflicts

⊠ **D** To reduce channel contention

10 What system is commonly used to track IT issues within a team of infrastructure technicians?

(1)

Select **one** option.

⊠ **A** User groups

⊠ **B** Process charts

⊠ **C** Diagnosis tools

⊠ **D** Support Tickets

TOTAL FOR QUESTION PAPER = 1
10 MARKS

Mobile and Operating Systems marking scheme

Question Number	Answer	Mark
1	A Cloud-delivered	(1)

Question Number	Answer	Mark
2	B The ability to modify code	(1)

Question Number	Answer	Mark
3	C To ensure the integrity of data	(1)

Question Number	Answer	Mark
4	D Command line	(1)

Question Number	Answer	Mark
5	A Schedule jobs to minimise downtime	(1)

Question Number	Answer	Mark
6	B PXE boot	(1)

Question Number	Answer	Mark
7	C To ensure the system copes during periods of high demand	(1)

Question Number	Answer	Mark
8	C To prevent unauthorised access to accounts	(1)

Question Number	Answer	Mark
9	A To prevent snooping	(1)

Question Number	Answer	Mark
10	D Support Tickets	(1)