



CANDIDATE
NAME

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CENTRE
NUMBER

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CANDIDATE
NUMBER

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9626/32

May/June 2022

1 hour 45 minutes

You must answer on the question paper.

No additional materials are needed.

- Answer **all** questions.
- Use a black or dark blue pen.
- Write your name, centre number and candidate number in the boxes at the top of the page.
- Write your answer to each question in the space provided.
- Do **not** use an erasable pen or correction fluid.
- Do **not** write on any bar codes.
- You may use an HB pencil for any diagrams, graphs or rough working.
- Calculators must **not** be used in this paper.

- The total mark for this paper is 70.
- The number of marks for each question or part question is shown in brackets [].

This document has **12** pages. Any blank pages are indicated.

1 Mobile electronic wallets can be used to make small payments.

(a) Describe what is meant by a mobile electronic wallet.

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..... [2]

(b) A mobile electronic wallet has to be set up on a device before making the first payment using it.

Describe how a mobile electronic wallet is set up on a mobile (cell) phone.

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..... [4]

2 Digital images can be compressed.

(a) Explain why it is sometimes necessary to compress digital images.

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..... [2]

(b) Explain how lossy compression can affect computer images.

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..... [6]

3 A technician is carrying out corrective maintenance on a computer system.

(a) Explain what is meant by corrective maintenance.

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..... [2]

(b) Describe the steps that the technician should take when carrying out the maintenance.

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..... [3]

4 The `confirm()` method is used in JavaScript to create and provide dialog boxes for users to interact with web pages.

(a) Describe the purpose of **two** elements of the dialog box that appears when `confirm()` is used.

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..... [2]

(b) Explain why the use of `confirm()` may cause problems on web pages.

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..... [3]

(c) Explain how the result of the user interaction from `confirm()` is reported back to the JavaScript code for use in the remaining code.

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..... [3]

5 Frame Relay is used in networks.

(a) Explain why Frame Relay is used.

[6]

(b) Explain the drawbacks of using Frame Relay.

[3]

- 6** A manufacturing company uses outdated hardware and software which need to be replaced with new hardware and software.

Discuss the benefits and drawbacks of using parallel running to change over from the old hardware and software to the new hardware and software.

[6]

7 Computer-based training can be used to deliver technology enhanced learning to students.

Discuss the impact of the use of computer-based training on student motivation and achievement.

[8]

8 Email uses a system based on the client-server model.

Explain how emails are sent and received using this system.

[4]

9 Analyse the use of the critical path method in project management.

[8]

10 The data mining process consists of several phases.

Describe the tasks that occur in each of the phases shown below.

(a) Data understanding

[4]

(b) Deployment

[4]

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