



Cambridge International AS & A Level

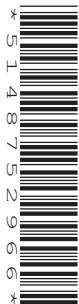
CANDIDATE
NAME

CENTRE
NUMBER

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INFORMATION TECHNOLOGY

9626/32

Paper 3 Advanced Theory

February/March 2023

1 hour 45 minutes

You must answer on the question paper.

No additional materials are needed.

INSTRUCTIONS

- 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.

INFORMATION

- 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.

4 A newly developed computer system is being evaluated for ease of use.

(a) Describe **four** aspects of the ease of use of the new system that could be examined in the evaluation.

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(b) Describe **two** other purposes of an evaluation of the new system.

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..... [2]

7 A Work Breakdown Structure (WBS), included in the Performance Evaluation and Review Technique (PERT), is created during the planning of a project.

(a) Explain the purpose of a WBS.

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(b) Describe the characteristics of a well designed WBS.

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..... [4]

10 A digital camera captures bitmap images. These images can be converted into editable vector shapes.

(a) Describe how a bitmap image is converted into editable vector shapes.

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..... [2]

(b) Vector images can be used on web pages.

Discuss the advantages and disadvantages of using a vector image with editable shapes instead of a bitmap image.

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