



# Cambridge International AS & A Level

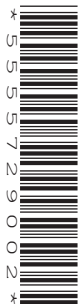
CANDIDATE  
NAME

CENTRE  
NUMBER

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CANDIDATE  
NUMBER

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**INFORMATION TECHNOLOGY**

**9626/13**

Paper 1 Theory

**October/November 2022**

**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.





3 Back-up software and anti-virus software are both types of utilities that are often provided with operating systems.

(a) Without detailing the different methods of detection, describe the features of anti-virus software.

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..... [3]

(b) Without referring to the different types of back-up, describe the features of back-up software.

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..... [3]

















11 Many companies store the personal data of their workers electronically.

(a) Describe what is meant by the term ‘personal data’.

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..... [2]

(b) Describe the methods that could be used to attempt to prevent unauthorised access to this personal data.

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..... [4]

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