



# Cambridge International AS & A Level

CANDIDATE  
NAME

CENTRE  
NUMBER

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CANDIDATE  
NUMBER

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**INFORMATION TECHNOLOGY**

**9626/12**

Paper 1 Theory

**February/March 2024**

**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.



2 A data dictionary is required when creating a relational database.

Identify and describe **four** components that should be included in a data dictionary.

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[8]

3 Keith wishes to ensure that his computer is at its optimum performance.

Identify and describe **three** different types of utility software he should use.

Utility 1 .....

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Utility 2 .....

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Utility 3 .....

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[6]















(b) Explain how the sampling rate can affect the audio files.

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..... [2]

11 Explain what is meant by the term open-source file format.

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..... [3]

