



Cambridge International AS & A Level

CANDIDATE
NAME

CENTRE
NUMBER

--	--	--	--	--

CANDIDATE
NUMBER

--	--	--	--



INFORMATION TECHNOLOGY

9626/33

Paper 3 Advanced Theory

October/November 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.

(b) Explain how a merge field can be used to prompt for and insert the date of the special event in the invitations when they are produced.

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

..... [4]

3 Vector images consist of shapes which can be edited into different shapes to change the appearance of the image.

Describe the techniques that can be applied to the shapes in a vector image to change its appearance.

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

..... [6]

6 Technical documentation is created during the development of a software application.

(a) Describe the purpose of technical documentation.

.....
.....
.....
.....
..... [2]

(b) Describe the information that should be included in technical documentation.

.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
..... [6]

(c) Describe **two** other types of documentation that should be created during the development of a software application.

.....
.....
.....
.....
..... [2]

7 (a) Describe each of the following terms when referring to JavaScript statements.

(i) operand

.....
.....
..... [1]

(ii) operator precedence

.....
.....
..... [1]

(iii) assignment operator

.....
.....
..... [1]

(iv) literals

.....
.....
..... [1]

(b) JavaScript has its own group of reserved keywords which cannot be used as names for variables, labels or functions.

Describe **one** other group of reserved words that should **not** be used when writing JavaScript code for use on web pages.

.....
.....
..... [1]

8 (a) Describe what is meant by identity theft.

.....
.....
.....
.....
.....
..... [2]

(b) Describe the impact of identity theft on individuals.

.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
.....
..... [6]

BLANK PAGE

Permission to reproduce items where third-party owned material protected by copyright is included has been sought and cleared where possible. Every reasonable effort has been made by the publisher (UCLES) to trace copyright holders, but if any items requiring clearance have unwittingly been included, the publisher will be pleased to make amends at the earliest possible opportunity.

To avoid the issue of disclosure of answer-related information to candidates, all copyright acknowledgements are reproduced online in the Cambridge Assessment International Education Copyright Acknowledgements Booklet. This is produced for each series of examinations and is freely available to download at www.cambridgeinternational.org after the live examination series.

Cambridge Assessment International Education is part of Cambridge Assessment. Cambridge Assessment is the brand name of the University of Cambridge Local Examinations Syndicate (UCLES), which is a department of the University of Cambridge.