

Cambridge International AS & A Level

CANDIDATE NAME					
CENTRE NUMBER			CANDIDATE NUMBER		

095160972

INFORMATION TECHNOLOGY

9626/32

Paper 3 Advanced Theory

February/March 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. Any blank pages are indicated.

Two	
ster	impacts on individuals of the use of social networking are ideological polarisation
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(D)	idea may be wrong.	ınaı
	Describe ways in which the use of social networking may lead to the stereotyping individuals.) of
(c)	Many businesses now use social networking for marketing their products	[2]
(c)	Many businesses now use social networking for marketing their products.	
	Justify the use of social networking by businesses for marketing products.	
		[6]

p	rinted magazines, on posters, on TV and on web pages.
Α	analyse the need for different resolutions of the image.
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Explain hov	v a well-desig	gned on-sc	reen inpu	t form help	s prevent ι	users from r	making mis
when enteri							

(a)	Explain how microwaves are used to transmit data between devices.	
` ,		
		[3
(b)	Describe four ways that microwave transmission is used in communication systems.	
` ,		

	e prompt () method is used in JavaScript to provide a popup dialog box for users to interact web pages.
(a)	Explain how the result of the user interaction from $\mathtt{prompt}()$ is used by a programmer to collect the input from a user.
	[4]
(b)	Explain two limitations of using the prompt () method of user interaction.
	1
	2

Online tutorials are a method of providing training courses to learners.
Explain how online tutorials can be used to train learners.
[5]

	GB and CMYK are two systems that are used to produce colour in graphic design.	
	compare, by describing similarities and differences, the use of the RGB and CMYK colour syst n graphic design.	
•		
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•		
		[6]

10	A new computer application has been developed to replace the current application that is in use by a company.						
	Describe how the new application will be evaluated.						
	a)						

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