



# Cambridge International AS & A Level

CANDIDATE  
NAME

CENTRE  
NUMBER

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CANDIDATE  
NUMBER

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## INFORMATION TECHNOLOGY

9626/11

Paper 1 Theory

May/June 2020

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 90.
- The number of marks for each question or part question is shown in brackets [ ].

This document has **16** pages. Blank pages are indicated.

- 1 For each of the **two** tables below, tick the most accurate statement referring to the use of the internet for communication.

(a)

	✓
Instant messaging is a service similar to SMS provided by the internet	
Social networking sites allow messages to be posted, but not pictures or videos	
A blog allows anybody who reads it to also be able to edit it	
Chat rooms only allow one person to communicate with one other person	

[1]

(b)

	✓
Emails allow people to see each other when communicating	
Emails can be sent with somebody copied in without the other recipients knowing	
Emails always get an immediate response	
Instant messaging never results in the IM providers sending adverts to users	

[1]









6 Many companies use batch processing for producing workers' payslips.

(a) Describe, using payroll as an example, what is meant by batch processing.

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..... [4]

(b) Explain why batch processing is used instead of real-time processing for an application such as payroll.

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..... [4]



















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