

Cambridge  
International  
AS & A Level

**Cambridge International Examinations**  
Cambridge International Advanced Subsidiary and Advanced Level

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**INFORMATION TECHNOLOGY**

Paper 3 Advanced Theory

**9626/32**

**May/June 2018**

**1 hour 45 minutes**

Candidates answer on the Question Paper.

No Additional Materials are required.

**READ THESE INSTRUCTIONS FIRST**

Write your Centre number, candidate number and name in the spaces at the top of this page.

Write in dark blue or black pen.

You may use an HB pencil for any diagrams, graphs or rough working.

Do not use staples, paper clips, glue or correction fluid.

DO **NOT** WRITE IN ANY BARCODES.

Answer **all** questions.

**Calculators must not be used on this paper.**

At the end of the examination, fasten all your work securely together.

The number of marks is given in brackets [ ] at the end of each question or part question.

Any businesses described in this paper are entirely fictitious.

This document consists of **14** printed pages and **2** blank pages.

- 1 An online store requires customers to create an account using its website. The online form for creating the account, with customer entries, is shown in Fig. 1.

### Create a Customer Account

**Note that all fields marked with \* are required.**

Your first name\*

Your family name\*

Valid email address\*  *Please enter a valid email ID*

Confirm email address\*  *Please re-enter your email ID*

Password\*

Confirm password\*

Security question\*  *Please select a question*

Enter the answer\*  *Enter a keyword for the answer*

Gender      Male       Female

Date of birth (DoB)\*     

*Please enter your DoB as      month      day      year*

**I agree to the Terms and Conditions and to the Privacy Policy\***

*Please check the box to show that you have read and agree to the terms.*

Fig. 1



2 Holographic imaging is an emerging technology.

Describe how holographic imaging could be used in the field of medicine.

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[8]











- 6 A software company is developing a new 'app' for smartphones. The Rapid Application Development (RAD) method is used to ensure that the 'app' is available as soon as possible.
  - (a) The RAD process involves several phases. The first phase is often referred to as Business Modelling.

Describe the tasks that must occur in this phase of RAD.

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