OCR
Oxford Cambridge and RSA

Friday 25 May 2018 – Morning

AS GCE
APPLIED INFORMATION AND COMMUNICATION TECHNOLOGY
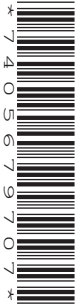
G041/01   How Organisations use ICT

Candidates answer on the Question Paper.

OCR supplied materials:
*   Instructions for Candidates G041/01/IC (inserted)

Other materials required:
*   Candidate's pre-prepared materials for pre-release tasks 1, 2 and 3

Duration: 1 hour 30 minutes

Candidate forename		Candidate surname	

Centre number					Candidate number				

INSTRUCTIONS TO CANDIDATES

*   The Insert will be found inside this document.
*   Write your name, centre number and candidate number in the boxes above. Please write clearly and in capital letters.
*   Use black ink. HB pencil may be used for graphs and diagrams only.
*   Answer **all** the questions.
*   Read each question carefully. Make sure you know what you have to do before starting your answer.
*   Write your answer to each question in the space provided. Additional paper may be used if necessary but you must clearly show your candidate number, centre number and question number(s).
*   Attach your pre-prepared material for tasks 1–3.
*   Do **not** write in the barcodes.

INFORMATION FOR CANDIDATES

*   The number of marks is given in brackets **[ ]** at the end of each question or part question.
*   The total number of marks for this paper is **100**.
*   This document consists of **12** pages. Any blank pages are indicated.

For Examiner's Use		Max
Task 2		15
Task 3		15
1		5
2		5
3		8
4		12
5		10
6		10
7		6
8		4
9		4
10		6
Total		100

OCR is an exempt Charity

Turn over

2

Answer **all** the questions.

SECTION A

This section relates to the case study on Off The Table Publishing (OTTP).

1 The Development Manager in OTTP oversees the work of two job functions. One of these job functions is research.

Identify the **other** job function that this manager is responsible for. Describe **four** tasks this job function does.

Job function ....

Task 1 ....

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Task 2 ....

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Task 3 ....

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Task 4 ....

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[5]

2 Describe the role of the Commissioning Director.

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.... **[5]**

3 Authors and series editors supply services to OTTP.

Identify **two other** suppliers of services to OTTP. For **each** supplier, describe the communication that takes place with OTTP.

You should include who the supplier communicates with in OTTP, the information exchanged and the communication method used.

Supplier 1 ....

Description ....

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Supplier 2 ....

Description ....

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[8]

4

4   Payment of royalties is an important process in OTTP.

   (a) The Sales Manager obtains information about the revenue from the sales of each book title from **two** sources.

   Describe how this information is obtained from **each** of these sources.

   1 ....

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   2 ....

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   [4]

   (b) Describe the **calculations** required to determine the total payment due to a series editor.

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   .... **[4]**

(c) The output from this process is a royalty statement.

Describe a royalty statement for a series editor.

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.... **[4]**

Turn over

5   Warehouse staff use an ICT system for keeping records of the books held in the warehouse.

Describe **one** example of each of the following for this system.

(i) hardware

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.... **[2]**

(ii) software

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.... **[2]**

(iii) input data

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.... **[2]**

(iv) processing

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.... **[2]**

(v) outputs

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.... **[2]**

6 The increased availability of electronic information and the ease of accessing it have had a significant impact on OTTP and its staff.

(a) Explain **one** impact on OTTP of the increased availability of electronic information.

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.... **[2]**

(b) Explain **one** impact on the **staff** at OTTP of the increased availability of electronic information.

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.... **[2]**

(c) Discuss steps that OTTP could take to reduce the impacts of the increased availability of electronic information on the company and how these steps might affect staff.

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.... **[6]**

8

SECTION B

You do not need the OTTP case study or your notes to answer these questions.

The Perfect Pie Company

The Perfect Pie Company produces a range of fruit pies in its factory in Kent. The pies are made and baked using a computer-controlled production line.

The finished pies are sent to a local wholesaler who distributes them to retailers across the south of England.

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7   Explain **three** benefits to The Perfect Pie Company of using a computer-controlled production line to produce the pies, rather than manual methods.

1 ....

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2 ....

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3 ....

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[6]

8 The wholesaler exchanges information with the retailers in the process of distributing the pies.

    (a) Identify **two** items of information that a retailer would communicate to the wholesaler about the pies they require.

        1 ....

        2 ....
                                                                                                      [2]

    (b) The wholesaler sends an invoice to the retailer.

        Explain the purpose of this invoice.

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        .... **[2]**

9 Workers who oversee the production line at The Perfect Pie Company factory must have a valid hygiene certificate. The certificates are valid for three years. Workers need to successfully complete further training to renew their hygiene certificate.

    Explain how training records could be used to help ensure all workers have a valid certificate.

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    .... **[4]**

10 The production line at The Perfect Pie Company factory is a hazardous environment with sharp tools, moving parts and high temperatures. The company must ensure that the requirements of the Health and Safety at Work Act (1974) and subsequent Regulations are followed. Employees also have duties as part of this Act.

Explain, using examples, what the production line workers must do to fulfil these duties.

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.... **[6]**

END OF QUESTION PAPER

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