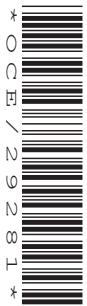**OCR**
RECOGNISING ACHIEVEMENT

ADVANCED SUBSIDIARY GCE

APPLIED INFORMATION AND COMMUNICATION TECHNOLOGY

How Organisations Use ICT

G041

Candidates answer on the Question Paper

OCR Supplied Materials:
* Instructions for Candidates G041/IC (inserted)

Other Materials Required:
* Candidates pre-prepared materials

Tuesday 18 May 2010
Afternoon

Duration: 1 hour 30 minutes

G041

Candidate Forename		Candidate Surname	

Centre Number						Candidate Number					

MODIFIED LANGUAGE

INSTRUCTIONS TO CANDIDATES

* Write your name clearly in capital letters, your Centre Number and Candidate Number in the boxes above.
* Use black ink. Pencil may be used for graphs and diagrams only.
* Read each question carefully and make sure that you know what you have to do before starting your answer.
* Answer **all** the questions.
* Do **not** write in the bar codes.
* 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.

For Examiner's Use		Max
Task 2		15
Task 3		15
1		6
2		5
3		8
4		11
5		10
6		10
7		6
8		14
Total		100

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**.
* No marks will be awarded for using brand names of software packages or hardware.
* This document consists of **12** pages. Any blank pages are indicated.

OCR is an exempt Charity

Turn over

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Section A

This section relates to the case study on SandwichesPlus.

1   The manager of a sandwich bar oversees a number of job functions. One of these is sales.

Identify the **three** job roles of the sales function in a sandwich bar. Describe **one** task carried out by each.

Job role 1 ....

Task ....

....

Job role 2 ....

Task ....

....

Job role 3 ....

Task ....

.... **[6]**

2   Describe the role of the catering manager in the SandwichesPlus head office.

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.... **[5]**

3 The manager of a sandwich bar places orders with a number of suppliers.

(a) The manager needs to decide what to order and how much to order. Identify **two** items of information that the manager will need to get from the sandwich bar to be able to decide.

Item 1 ....

Item 2 .... **[2]**

(b) Describe how the manager obtains and uses information to make decisions about what to order and how much to order.

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.... **[4]**

(c) Describe the communication that takes place between the manager and **one** supplier.

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.... **[2]**

4 The cashier's computer is used to process all take-away and eat-in sales.

  (a) (i) Identify the **two** methods the cashier uses to enter information about sandwiches.

  Method 1 ....

  Method 2 .... **[2]**

  (ii) Identify **one** item of information that the cashier enters for **each** method.

  Method 1 – item of information ....

  ....

  Method 2 – item of information ....

  .... **[2]**

  (iii) Describe the cashier's source for this information.

  ....

  ....

  .... **[2]**

  (b) (i) Identify the paper output from the system.

  .... **[1]**

  (ii) Describe the **processing** and **calculations** carried out to produce this output.

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  .... **[4]**

5 Describe the ICT system that the **catering** department uses to organise and process bookings. You should include details of the hardware and software used, examples of input data and outputs, and the processes carried out.

Hardware ....

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Software ....

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Input data ....

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Outputs ....

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Processes ....

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.... **[10]**

6 The owner of SandwichesPlus wants to improve the systems currently used for processing **eat-in** and **take-away** sandwich orders.

(a) Explain **one** strength of the current system for processing sandwich orders.

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....

....

.... **[2]**

(b) Explain **one** weakness of the current system for processing sandwich orders.

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.... **[2]**

(c) (i) Explain how the current systems for processing sandwich orders could be improved. You should include details of any equipment that would be needed and how it would be used.

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.... **[4]**

(ii) Explain **one** problem associated with these improvements that the owner may need to deal with.

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.... **[2]**

8

Section B

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

7 The Computer Misuse Act came into force in 1990.

  (a) Describe **one** action that this legislation makes illegal.

  ....

  ....

  ....

  .... **[2]**

  (b) Explain how this legislation protects organisations' computer systems and data.

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  .... **[4]**

8 A manufacturing company uses an automatic stock control and re-ordering system for parts used in production. This system keeps track of and maintains the stock levels.

  (a) (i) What information would be used to identify each part?

   .... **[1]**

   (ii) How would this be used to monitor stock levels?

   ....

   ....

   ....

   .... **[2]**

  (iii) Give **two** other items of information that would be stored about each part.

Item 1 ....

Item 2 .... **[2]**

 (b) Describe the processing and calculations that the automatic re-ordering system would do.

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.... **[3]**

 (c) The company is introducing a robotic system in the warehouse. This will be linked to the stock control and re-ordering system.

Explain **three** impacts of introducing this system.

Impact 1 ....

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Impact 2 ....

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Impact 3 ....

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.... **[6]**

10

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