OCR RECOGNISING ACHIEVEMENT

ADVANCED SUBSIDIARY GCE **G041**

APPLIED INFORMATION AND COMMUNICATION TECHNOLOGY

Unit 2: How Organisations Use ICT

MONDAY 14 JANUARY 2008   Afternoon

Time: 1 hour 30 minutes

Candidates answer on the question paper.
Additional materials (enclosed):   Instructions for Candidates G041/IC

Additional materials (required):
Candidate's pre-prepared materials

Candidate Forename		Candidate Surname	

Centre Number						Candidate Number				

INSTRUCTIONS TO CANDIDATES

* Write your name in capital letters, your Centre Number and Candidate Number in the boxes above.
* Use blue or 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.
* Do **not** write outside the box bordering each page.
* Write your answer to each question in the space provided.
* Attach your pre-prepared material for tasks 1–3.

INFORMATION FOR CANDIDATES

* The number of marks for each question 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.

FOR EXAMINER'S USE	
Task 2	
Task 3	
1	
2	
3	
4	
5	
6	
7	
8	
9	
10	
TOTAL	

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2

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Section A

This section relates to the case study on Logos R Us.

1 The Warehouse Manager oversees the job functions within the warehouse of Logos R Us. Warehouse assistants perform one job function within the warehouse.

Identify the **other** job function within the warehouse and describe **three** tasks carried out.

Job function ....

Task 1 ....

 ....

Task 2 ....

 ....

Task 3 ....

 ....[4]

2 Describe **four** tasks carried out by the ICT services department in Logos R Us.

Task 1 ....

 ....

Task 2 ....

 ....

Task 3 ....

 ....

Task 4 ....

 ....[4]

3 Describe how the warehouse is linked into the overall organisational structure of Logos R Us.

 ....

 ....

 ....

 ....[2]

[Turn over

4

4 Sales order processing is an important process in the Logos R Us head office.

(a) (i) Identify **three** items of information about garments that must be **input**.

Item 1 ....

Item 2 ....

Item 3 ....[3]

(ii) Explain how this information is obtained from **existing customers**.

....

....

....

....[2]

(b) An invoice is one output from the sales order processing system.

(i) Identify **two** items of information about garments that are required to produce the invoice but are **not** input when the order is processed.

Item 1 ....

Item 2 ....[2]

(ii) How is this information obtained?

....

....[2]

(iii) Describe the remaining **processing** and **calculations** required to produce the invoice for an existing customer.

....

....

....

....

....

....[3]

(c) Identify **one other** output from the sales order processing system.

....[1]

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(d) Identify **two** methods used to communicate the output from the sales order processing system.

Method 1 ....

Method 2 ....[2]

5 Describe the ICT system used in the **warehouse** for processing orders. You should include details of the hardware and software used, examples of input data and outputs, and the processes carried out.

Hardware ....

....

....

....

Software ....

....

....

....

Input data ....

....

....

....

Outputs ....

....

....

....

Processes ....

....

....

....[10]

[Turn over

6 The Operations Director wants to improve communications between head office and the warehouse/workshop site.

(a) Explain **two** weaknesses of the systems currently used.

Weakness 1 ....

....

....

Weakness 2 ....

....

....[4]

(b) To improve the communication systems currently used, the Operations Director must overcome weaknesses in the current systems.

(i) Explain **one** way the systems could be improved.

....

....

....

....[2]

(ii) Explain **two** benefits this improvement would bring.

Benefit 1 ....

....

....

....

Benefit 2 ....

....

....

....[4]

(iii) Identify **one** problem associated with this improvement that may need to be overcome.

....

....[1]

7 The workstations in the Logos R Us head office must comply with the requirements of the EU Health and Safety Directives as included in the Health and Safety (Display Screen Equipment) Regulations (1992).

Describe **two** actions Logos R Us must take to comply with these regulations.

Action 1 ....

....

....

....

Action 2 ....

....

....

....[4]

[Turn over

8

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Section B

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

8 One type of organisation is a public service organisation.

   (a) Give **two** examples of **types** of public service organisations.

      Example 1 ....

      Example 2 ....[2]

   (b) Explain what is meant by a public service organisation.

      ....

      ....

      ....

      ....[2]

9 One of the newest pieces of legislation relating to ICT is the Electronic Communications Act (2000).

   (a) What is the aim of this Act?

      ....

      ....[2]

   (b) Describe **one** way that the Act meets its aim.

      ....

      ....[2]

   (c) Describe **one** benefit to organisations of this Act.

      ....

      ....[2]

[Turn over

10 ICT systems are used to control processes.

(a) State **one** example of an ICT controlled process.

....

....[1]

(b) Describe in general terms how process control works.

....

....

....

....[3]

(c) Explain **three** benefits of using automated systems for process control.

Benefit 1...

....

....

....

Benefit 2...

....

....

....

Benefit 3...

....

....

....[6]

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