

**ADVANCED SUBSIDIARY GCE
 APPLIED INFORMATION AND COMMUNICATION TECHNOLOGY**

G041

Unit 2: How Organisations Use ICT

FRIDAY 16 MAY 2008

Morning
 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.
- 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 | |

This document consists of **10** printed pages, **2** blank pages and an insert.

2
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Section A

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

1 Sales is one job function within the New Business Division of Logos R Us.

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

Job function

Task 1

.....

Task 2

.....

Task 3

.....[4]

2 Describe **four** tasks carried out by the research and development department in Logos R Us.

Task 1

.....

Task 2

.....

Task 3

.....

Task 4

.....[4]

3 Identify **two** managers who report to the Finance and Administration Director.

Manager 1

Manager 2[2]

4 Stock control is an important process in the Logos R Us warehouse.

(a) Identify **two** items of information that are keyed in when garments are removed from stock.

Item 1

Item 2[2]

(b) (i) Identify **two other** items of information that are input when garments are removed from stock.

Item 1

Item 2[2]

(ii) How are these items of information input?

.....

.....[1]

(c) Identify the paper output from the stock control system.

.....[1]

(d) Describe the **processing** and **calculations** required to produce the paper output from the stock control system.

.....

.....

.....

.....

.....

.....

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.....

.....

.....[5]

(e) Why is it important that the Warehouse Manager can override the system?

.....

.....[2]

(f) Explain **one** possible limitation of the stock control system.

.....
.....[2]

5 Describe the ICT system used in the workshop for embroidering logos. 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

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.....
.....

Outputs

.....
.....
.....

Processes

.....
.....
.....[10]

6 The New Business Director wants to improve the systems for obtaining orders from existing customers.

(a) Explain **one** strength of the systems currently used to obtain orders from existing customers.

.....
.....
.....[2]

(b) Explain **two** weaknesses of the systems currently used to obtain orders from existing customers.

Weakness 1

.....
.....

Weakness 2

.....
.....[4]

(c) To improve the ordering systems currently used, the Director must overcome weaknesses in the current systems.

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

.....
.....
.....[2]

(ii) Explain **one** benefit this improvement would bring.

.....
.....
.....[2]

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

.....
.....[1]

7 Logos R Us designs a new range of garments twice a year.

(a) Which Act protects these designs?

.....[1]

(b) Explain how the designs are protected by the Act?

.....
.....
.....
.....
.....
.....
.....[3]

8
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Section B

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

8 Shops are commercial organisations that provide retail services to the general public.

(a) State what is meant by retail services.

.....
.....[1]

(b) Use an example to describe **one** other type of service provided by commercial organisations.

.....
.....
.....
.....
.....
.....
.....[3]

9 The Data Protection Act (1998) protects data held by organisations about individuals.

(a) Explain why this Act was needed.

.....
.....
.....
.....
.....
.....[4]

(b) Describe **two** rights that individuals have under the Act.

Right 1
.....
.....
Right 2
.....
.....[4]

10 Accounts and finance is an important system in all organisations.

(a) Describe the main purpose of an accounts and finance system.

.....
.....
.....
.....[2]

(b) Describe **three** outputs from an accounts and finance system.

Output 1.....
.....
.....
.....
Output 2.....
.....
.....
.....
Output 3.....
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.....
.....[6]

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