

**ADVANCED GCE UNIT**  
**INFORMATION AND COMMUNICATION TECHNOLOGY**

**2517**

ICT Systems and Systems Management

**FRIDAY 15 JUNE 2007**

Afternoon

Time: 1 hour 30 minutes

No additional materials are required.  
 Candidates answer on the question paper.



Candidate  
Name

Centre  
Number

--	--	--	--	--

Candidate  
Number

--	--	--	--

**INSTRUCTIONS TO CANDIDATES**

- Write your name, Centre number and Candidate number in the boxes above.
- Answer **all** the questions.
- Use blue or black ink. Pencil may be used for graphs and diagrams only.
- Read each question carefully and make sure you know what you have to do before starting your answer.
- Do **not** write in the bar code.
- Do **not** write outside the box bordering each page.
- **WRITE YOUR ANSWER TO EACH QUESTION IN THE SPACE PROVIDED. ANSWERS WRITTEN ELSEWHERE WILL NOT BE MARKED.**

**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 90, of which 4 marks are allocated to the assessment of the quality of written communication. You will be awarded marks for the quality of written communication where an answer requires a piece of extended writing. No marks will be awarded for using brand names of software packages or hardware.

For Examiner's Use		
1		16
2		12
3		23
4		8
5		20
6		7
QWC		4
Total		90

This document consists of **19** printed pages, **2** lined pages and **3** blank pages.





(b) Computer equipment is one internal resource of the firm.

Describe **two** other internal resources of the firm.

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

.....[4]

5  
**BLANK PAGE**

**PLEASE DO NOT WRITE ON THIS PAGE**

2 (a) (i) Explain the difference between data and information.

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

(ii) Describe **two** examples of information which might be exchanged between the firm and the customers.

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

(b) Describe how the owner might make use of:

(i) a financial information processing system

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

(ii) a personnel information processing system.

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











4 One of the tasks of the project team is to decide whether to use custom-written or an off-the-shelf package for working out the wages of the employees.

(a) Describe the advantages and disadvantages of using custom-written rather than off-the-shelf software.

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

[4]





(b) Once the new system has been implemented it needs to be maintained.

Identify **three** different types of maintenance.

.....

.....

.....

.....

.....

.....

.....

.....

.....[3]















**BLANK PAGE**

**PLEASE DO NOT WRITE ON THIS PAGE**

**PLEASE DO NOT WRITE ON THIS PAGE**

**PLEASE DO NOT WRITE ON THIS PAGE**

---

Permission to reproduce items where third-party owned material protected by copyright is included has been sought and cleared where possible. Every reasonable effort has been made by the publisher (OCR) to trace copyright holders, but if any items requiring clearance have unwittingly been included, the publisher will be pleased to make amends at the earliest possible opportunity.

OCR is part of the Cambridge Assessment Group. Cambridge Assessment is the brand name of University of Cambridge Local Examinations Syndicate (UCLES), which is itself a department of the University of Cambridge.