

**ADVANCED GCE
INFORMATION AND COMMUNICATION TECHNOLOGY**

ICT Systems and Systems Management

THURSDAY 5 JUNE 2008

2517

Afternoon
Time: 1 hour 30 minutes

Candidates answer on the question paper

Additional materials: No additional materials are required



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.
- Additional answer space is available on the lined pages at the back of this booklet. Answers on these pages **must** be clearly numbered.

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 **90**, of which 4 marks are allocated to the assessment of 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		18
2		23
3		22
4		10
5		13
QWC		4
TOTAL		90

This document consists of **18** printed pages and **2** lined pages.

A company manages properties which are rented by students at a university.

The company collects the rent, looks after the repairs to the properties and advertises vacancies when they occur. A database contains details of the properties, students renting the properties and the employees working for the company.

1 (a) (i) Define the word data.

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

(ii) Give **one** example of data that might be collected by the company.

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

(iii) Give **one** example of information which the company might pass to a student renting a property.

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

(iv) Give **one** example of information which a student might pass to the company.

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

(d) When the employees of the company search the database they use parameter queries and complex queries.

(i) Describe a complex query and give an example that might be used by the company.

Description

.....

.....

.....

..... [2]

Example

.....

.....

..... [1]

(ii) Describe a parameter query and give an example that might be used by the company.

Description

.....

.....

.....

..... [2]

Example

.....

.....

..... [1]

- 2 The company has decided to obtain a system that can be used by students to search for properties to rent.

The system will be based in the reception area of the company's office.

A project team will work on the new system.

(a) Identify the responsibilities of

(i) a project manager
.....
.....
.....
.....
..... [2]

(ii) a programmer
.....
.....
.....
..... [2]

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