

|             |               |                  |
|-------------|---------------|------------------|
| Surname     | Centre Number | Candidate Number |
| Other Names |               | 2                |



**GCE AS/A level**

1241/01

**INFORMATION AND  
COMMUNICATION TECHNOLOGY – IT1  
Information Systems**

A.M. MONDAY, 2 June 2014

2 hours 15 minutes

| For Examiner's use only |              |              |
|-------------------------|--------------|--------------|
| Question                | Maximum Mark | Mark Awarded |
| 1.                      | 10           |              |
| 2.                      | 3            |              |
| 3.                      | 6            |              |
| 4.                      | 6            |              |
| 5.                      | 6            |              |
| 6.                      | 6            |              |
| 7.                      | 5            |              |
| 8.                      | 18           |              |
| 9.                      | 4            |              |
| 10.                     | 16           |              |
| <b>Total</b>            | <b>80</b>    |              |

**INSTRUCTIONS TO CANDIDATES**

Use black ink or black ball-point pen.

Write your name, centre number and candidate number in the spaces at the top of this page.

Answer **all** questions.

Answers should be written in the spaces provided.

Where the space is not sufficient for your answer use a continuation sheet, taking care to number the continuation correctly.

The intended marks for questions or part questions are given in brackets [ ]. You are advised to divide your time accordingly. The total number of marks available is 80.

You are reminded of the necessity for good written communication and orderly presentation in your answers.

Quality of written communication will be assessed in question 8(b).

Make sure you hand in your spreadsheet with this booklet at the end of the examination.







5. Hospitals make substantial use of data handling software. Describe the following features and explain how **each** benefits a hospital.

(i) Query [2]

.....

.....

.....

.....

.....

.....

(ii) Report [2]

.....

.....

.....

.....

.....

.....

(iii) Import/Export [2]

.....

.....

.....

.....

.....

.....

1241  
010005









**SECTION B**

*Answer all questions.*

9. (a) Describe what is meant by *simulation modelling*. [1]

.....

.....

.....

.....

.....

(b) Describe the advantages and disadvantages of using *simulation modelling* in car crash analysis. [3]

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....

.....





