



**GCE AS/A level**

**1241/01**

**INFORMATION AND COMMUNICATION TECHNOLOGY – IT1**

**Information Systems**

**A.M. MONDAY, 2 June 2014**

**2 hour 15 minutes plus your additional time allowance**

**Surname** \_\_\_\_\_

**Other Names** \_\_\_\_\_

**Centre Number** \_\_\_\_\_

**Candidate Number** 2 \_\_\_\_\_

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

## **INSTRUCTIONS TO CANDIDATES**

**Use black ink, black ball-point pen or your usual method.**

**Write your name, centre number and candidate number in the spaces provided on the front cover.**

**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.**



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**5(iii) Import/Export**

**[2]**

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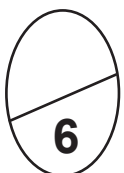
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**SECTION B**

**Answer ALL questions.**

**9(a) Describe what is meant by SIMULATION MODELLING. [1]**

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**You must refer to your own spreadsheet to answer the following question.**

**If no spreadsheet evidence is submitted then no marks can be awarded.**

**Make sure that you show in your answer where the processes, functions/formulas can be found in your spreadsheet.  
For example page 6 cell d4.**

**10(a) Describe the purpose or function of ONE formula from list A and TWO DIFFERENT formulas from list B, which you have used in your spreadsheet.**

**[6]**

**A: SUM, COUNT, MAX, MIN, AVERAGE, RAND**

**B: Single IF, Multiple IF, DATE, ROUND**

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**10(c) Describe a SORT used in your spreadsheet and state why you required the data to be sorted. [2]**

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**10(d) Describe an example of ABSOLUTE ADDRESSING you used in your spreadsheet and give the reason you used it. [2]**

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**END OF PAPER**

**ENSURE YOU ATTACH THE PRINTOUTS OF YOUR SPREADSHEET TO YOUR EXAMINATION ANSWER PAPER.**