



**GCE AS/A level**

**1241/01**

**INFORMATION AND COMMUNICATION TECHNOLOGY – IT1**

**Information Systems**

**A.M. MONDAY, 6 June 2016**

**2 hours 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>6</b>	
<b>3.</b>	<b>5</b>	
<b>4.</b>	<b>6</b>	
<b>5.</b>	<b>6</b>	
<b>6.</b>	<b>3</b>	
<b>7.</b>	<b>6</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(a).**

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



---

---

---

---



---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---





---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---





---

---

---

---

---

---

---

---

---

---







---

---

---

---

---

---

---

---





---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

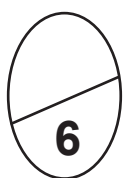
---

---

---

---

---





6. Define what is meant by the term **DATA VERIFICATION** and describe a method of data verification that can be used in on-line shopping.

[3]

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---

---





---

---

---

---

---

---

---















---

---

---

---





---

---

---



**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 of TWO functions from the list below, which you have used in your spreadsheet. [2 × 2]**

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

---

---

---

---

---

---

---







**10(d) Describe the purpose of:**

**(i) a macro, you used in your spreadsheet; [2]**

---

---

---

---

---

---

---

---

---

---

**(ii) a search, you used in your spreadsheet; [2]**

---

---

---

---

---

---

---

---

---

---



10(d) Describe the purpose of:

(iii) a graph, you used in your spreadsheet. [2]

---

---

---

---

---

---

---

---

---

---



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

**END OF PAPER**