3.23 COMPUTER STUDIES (451)

3.23.1 Computer Studies Paper 1 (451/1)

SECTION A (40 marks)

*Answer **all** the questions in this section in the spaces provided.*

1. Write each of the following acronyms in full as used in computing. (2 marks)

   (a)   CAD

   (b)   DVD

   (c)   WORM

   (d)   POS

2. A school keeps student records in a database. The data is coded before entry.
   State **three** reasons why the coding is necessary. (3 marks)

3. Differentiate between Bcc and cc in an email. (2 marks)

4. State **three** risks posed by improper cabling in a computer laboratory. (3 marks)

5. List **two** career opportunities directly associated with computer networking. (2 marks)

6. A retailer uses a spreadsheet program to calculate profits. **Figure 1** shows the spreadsheet.

	A	B	C	D	E	F
1	Items	Cost Price	Selling Price	Profit per Item	Items sold	Total Profit
2	Item 1	305	350	45	32	1440
3	Item 2	100	120	20	45	900
4	Item 3	200	220	20	32	640
5	Item 4	107	130	23	89	2047

Figure 1

   (a)   Which row contains labels only? (1 mark)

   (b)   Write the formula that has been entered in cell F2. (2 marks)

7. State **three** reasons why an organisation may opt to develop its own software in-house rather
   than buy off-the-shelf software. (3 marks)

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