Information Technology

Section II

35 marks
Attempt Questions 16–19
Allow about 45 minutes for this section

Answer the questions in the spaces provided.

Marks

Question 16 (9 marks)

(a) How many changes would the following search and replace commands implement in the text below?

> The realisation that at was only two weeks before at was time for the project to end worried Peta. The problem with attenuation would never be solved by then.

   (i)   Find 'at' and replace with 'it'. ....6.............................. 1

   (ii) Find ' at' and replace with ' it'. ....3.............................. 1

   (iii) Find ' at ' and replace with ' it '. ....2................................... 1

(b) You have been asked to include a small copy of the company logo on the top of a new word processed document. The only electronic copy of the logo you can find prints an A4 logo. The logo file is very large and it was created over five years ago.

   (i)   Identify ONE problem you may encounter using this old graphic file.   1

   The graphic being so large would make the word processed document large also.

   (ii) Recommend the appropriate action to overcome this problem.   2

   One way you could do this is by saving the graphic in a newer format. ie. one that uses compression technology, such as JPEG or PNG.

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Question 16 (continued)

(c)   A company has set up a customer database as shown below.

Table: Customers

FNAME	SNAME	ADDRESS1	ADDRESS2	ADDRESS3	POSTCODE	GENDER
Helen	Long	21 Bui Rd	Rydale	NSW	2113	F
Mike	Smith	9 Jason St	Seven Hills	NSW	2146	M
James	Brown	78 Allen Av	Durham	VIC	3456	M
Les	Nguyen	2/3 Sia Rd	Victoria	WA	9877	F
Lee	Chien	90 Long St	Alkin	ACT	4987	F

The letter below is to be sent to all customers.

> Dear <X>
>
> I am pleased to announce the release of our new software package 'CONTROL'. This new product allows you to control all petty cash payments made by your office.
>
> The product will be demonstrated at the Holiday Inn Conference Centre on Monday 17 December 2002.
>
> I encourage you to attend our demonstration. A discount is offered for any purchase at this demonstration.
>
> Yours sincerely,
>
> Jay Merino
> Sales Manager
> Financial Software Pty Ltd

(i)   When creating this FORM LETTER in a word-processing application, to   **1**
      what file should it be linked?

      It should be linked to the customer database.

(ii) What information from the database must be inserted into the FORM   **1**
      LETTER at 'X'?

      FNAME

(iii) Which customer will be identified using the following SQL statement?   **1**

      SELECT   "FNAME"
      FROM   Customers
      WHERE   State = "NSW"
      AND   Gender = "M"

      MIKE SMITH

End of Question 16