2 0 1 3

COMPUTER TECHNIQUE

(Vocational Stream)

Paper : VI

(Computer Commercial Application)

(Theory)

Full Marks : 100

Time : 3 hours

The figures in the margin indicate full marks for the questions

GROUP—A

(Introduction to Statistical Techniques)

1. What is average? What are its types?   2+2=4

2. *(a)* Give an example of geometric mean.   2

   (b) If the values of a variate are $x_1, x_2, x_3, ..., x_n$ and $\overline{X}$ is their mean, then $\overline{X}$?   2

3. Write short notes on the following (any *four*) : 2½×4=10

   (a) Arithmetic mean

   (b) Weighted arithmetic mean

   (c) Types of dispersion

(d) Standard deviation

(e) Harmonic mean

(f) Weighted geometric mean

4. Find out mean from the following table : 4

Marks	No. of Students
0	2
10	24
15	20
20	19
25	14
30	40

5. Write two advantages and two disadvantages of geometric mean. 4

6. Marks obtained by 9 students in an examination are 32, 25, 50, 20, 31, 40, 48, 60 and 28. Find out mean deviation. 4

Or

Find out standard deviation from the following :

320, 290, 265, 300, 270, 200, 315

(3)

GROUP—B

(Simple Accounting)

7. Answer any *four* from the following :　　　2×4=8

(a)　What is the meaning of the term 'transaction'?

(b)　What do you mean by the term 'depreciation'?

(c)　What is fixed asset?

(d)　What is book-keeping?

(e)　Explain revenue and expenditure.

8. Mention four points of distinction between single-entry system and double-entry system of book-keeping.　　　4

Or

Distinguish between Book-keeping and Accounting.

9. Write short notes on any *two* of the following :　2×2=4

(a)　Accounting

(b)　Debtors

(c)　Creditors

(d)　Ledger

10. Mention four points of differences between Journal and Ledger.   4

11. What are the various types of accounts? Explain with example.   5

12. What are the objectives and functions of accounting?   5

13. Journalise the following transactions in the books of Mr. *X* giving narrations for each :   2×5=10

   (i) 1st January, 2012, Mr. *X* started business with ₹ 2,00,000

   (ii) 2nd January, 2012, purchased goods on credit from Mr. *Y* ₹ 20,000

   (iii) Purchased goods for cash ₹ 10,000 on 03-01-2012

   (iv) Goods sold on credit to Mr. *Z* ₹ 1,000 on 04-01-2012

   (v) Rent paid ₹ 1,500 on 05-01-2012

(5)

GROUP—C

(Marketing and Salesmanship)

14. Explain the meaning of 'insurance' as one of the business activities.　　　　　4

15. Write short notes on any *three* of the following :

4×3=12

(a) Banking

(b) Sole trading business

(c) Partnership

(d) Importance of product knowledge

(e) Salesman training

16. Define 'salesmanship'. What are the elements of successful salesmanship?　　　　　10

Or

Explain the different types of salesmanship.

17. What are the qualities of a good salesman?　　　4

Or

What are the essentials of effective sales talks?

★★★