Roll No. ☐☐☐☐☐☐☐☐☐☐☐☐☐   Total No. of Pages : 02

Total No. of Questions : 07

B.Com. (Sem.–2nd)

BUSINESS STATISTICS

Subject Code : BCOP-204 (2011 & Onwards)
Paper ID : [B1120]

Time : 3 Hrs.   Max. Marks : 60

INSTRUCTION TO CANDIDATES :
1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2. SECTION-B contains SIX questions carrying TEN marks each and students has to attempt any FOUR questions.

SECTION-A

1. Answer briefly :

   a. Distinguish between continuous and discrete variables.

   b. What is the difference between descriptive and inferential statistics?

   c. Define secondary data. What are the sources of secondary data?

   d. What do you mean by a frequency distribution?

   e. What purpose does classification of data serve?

   f. What is the difference between bar chart and histogram?

   g. What is the function of calculating measures of central tendency?

   h. Compare mean, median and mode.

   i. Distinguish between positive and negative skewness.

   j. Which of the two, correlation and regression analysis, has more practical significance?

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SECTION-B

2. Discuss the main functions and limitations of statistics. Discuss the important causes of misuse of statistics.

3. Define secondary data. What are the sources of secondary data? Describe the precautions required for using secondary data.

4. What do you mean by a frequency distribution? Distinguish between a discrete frequency distribution and a continuous frequency distribution. Give examples.

5. For the following data predict sales for year 2009 and interpret the trend line

Year	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006
Sales (Rs. million)	7.84	12.26	13.11	15.78	21.29	25.68	23.80	26.43	29.16	33.06

6. Explain the concept of regression. What is its importance in the business and economic decision making?

7. How to decompose time-series data into their various elements and to forecast by using decomposition techniques?