BPC-004

00344

BACHELOR OF ARTS (PSYCHOLOGY)

Term-End Examination

December, 2012

BPC-004 : STATISTICS IN PSYCHOLOGY

Time : 2 hours   *Maximum Marks : 50*

Note :   (i)   *Answer **any five** questions.*

        (ii)   *All questions **carry equal** marks.*

       (iii)   *Use of **Simple** calculator may be permitted.*

1. What do you understand by graphical presentations ? Discuss its advantages and disadvantages.   10

2. What do you mean by measures of dispersion ? Explain use of descriptive statistics.   10

3. Draw a histogram for the following data.   10

Class Internal	Frequency
0-10	5
10-20	9
20-30	16
30-40	14
40-50	6

4. Discuss properties and limitations of the median and the mode with suitable examples. **10**

5. Calculate mean from the following frequency distribution by using assumed mean. **10**

Class Interval	Frequency
45 - 49	2
40 - 44	3
35 - 39	2
30 - 34	6
25 - 29	8
20 - 24	8
15 - 19	7
10 - 14	5
5 - 9	9
	N = 50

6. Define measurement and discuss various seals of measurement by giving suitable examples. **10**

7. Discuss in detail the applications of Chi-square test. **10**

8. Calculate Spearman's Rho for the following data. **10**

23	18	24	17	18	100
20	20	20	20	20	100

9. Discuss in detail Null hypothesis and Level of significance. **10**

10 Define Normal Distribution and discuss its application. **10**

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