

BACHELOR OF ARTS (PSYCHOLOGY)

Term-End Examination

December, 2011

BPC-004 : STATISTICS IN PSYCHOLOGY

Time : 2 hours

Maximum Marks : 50

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

(ii) All questions *carry equal* marks.

(iii) *Simple calculator is permitted.*

1. Discuss any two techniques for organising data. 10
2. What do you understand by descriptive statistics? 2+8
Describe various types of descriptive statistics.
3. Compute mean and median for the following 10
frequency distribution.

Class Interval (scores)	<i>f</i>
195-199	49
190-194	60
185-189	80
180-184	70
175-179	75
170-174	82

4. Compute SD for the following data : 10

Class Interval (scores)	f
10-19	10
20-29	8
30-39	7
40-49	6
50-59	3
60-69	4
70-79	9
80-89	8
90-99	4

5. Discuss various types and importance of graphical presentation of data. 10
6. Define correlation. Differentiate Rank Order Correlation and Product Moment Correlation. 10
7. Chi-square is a goodness of fit test. Explain. 10
8. Differentiate between descriptive statistics and inferential statistics. 10

9. Two sets of data have been provided as follows. 10
Calculate Spearman Rank correlation.

Data 1	Data 2
30	30
50	20
70	50
110	60
80	40
40	80
120	130
140	100
100	70
60	40

10. Explain the characteristics of normal distribution. 10
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