

**BACHELOR OF ARTS (PSYCHOLOGY)**

Term-End Examination

June, 2012

**BPC-004 : STATISTICS IN PSYCHOLOGY**

Time : 2 hours

Maximum Marks : 50

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- Note : (i) Answer *any five* questions.  
(ii) All questions carry equal marks.  
(iii) Use of *Simple* calculator may be permitted.
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1. Define statistics and discuss its use in Psychology. 10
2. What do you mean by the term hypothesis ? 10  
Discuss errors in hypothesis testing .
3. Draw Ogive from the following data : 10

Class Interval	$f$
10 - 20	12
20 - 30	10
30 - 40	35
40 - 50	55
50 - 60	45
60 - 70	25
70 - 80	18

4. What are characteristics of good measures of central tendency ? Write properties and limitations of the mean. 10

5. Compute SD for the following data : 10

Class Interval	<i>f</i>
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. Discuss advantages and disadvantages of Non- Parametric statistics. 10

7. Write assumptions and various uses of Chi-Square test. 10

8. Discuss with example significance of differences between the means. 10

9. Discuss need and importance of normal distribution. 10

10. Write short notes on the following : 10  
(a) Kendall Rank Correlation  
(b) Mean deviation and standard deviation.