

Register Number:

Name of the Candidate:

**M.Sc. DEGREE EXAMINATION, May 2015**

**(APPLIED PSYCHOLOGY)**

**(FIRST YEAR)**

**520: PSYCHOLOGICAL STATISTICS AND RESEARCH METHODS**

Time: Three hours

Maximum: 100 marks

**SECTION-A**

**(5× 8 = 40)**

**Answer any FIVE questions**

1. Bring out the history of assessment.
2. Explain standard normal distribution.
3. Discuss the sources of research problem.
4. Explain the ways of formulation of Hypothesis.
5. Narrate the steps in test construction.
6. Elaborate on the Thurstone's Method.
7. Bring out the ethical principles for Animal research.
8. Describe the types of empirical relationship in Psychology.

**SECTION-B**

**(3× 20 = 60)**

**Answer any THREE questions**

9. Delineate skewness and kurtosis.
10. Calculate Standard Deviation and Quartile Deviation for the following data:

Scores	f
90-94	2
85-89	2
80-84	4
75-79	8
70-74	6
65-69	11
60-64	9
55-59	7
50-54	5
45-49	0
40-44	2

11. Elaborate on types of formulation of hypothesis.
12. Elucidate on Validity
13. Give a detailed account on experimental variables related to research.

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