

Total No. of Pages : 2

Register Number :

6262

Name of the Candidate :

M.Sc. DEGREE EXAMINATION DECEMBER 2013.

(APPLIED PSYCHOLOGY)

(FIRST YEAR)

520 — PSYCHOLOGICAL STATISTICS AND RESEARCH METHODS

Time : Three hours

Maximum : 100 marks

SECTION A

Answer any FIVE questions.

(5 × 8 = 40)

All questions carry equal marks.

1. Outline the meaning of the term : Statistics and differentiate descriptive and inferential statistics.
2. What is Variance? Explain how Standard deviation for ungrouped data is calculated.
3. Outline the properties of Normal probability distribution and highlight its applications.
4. What is known as “Z-Transformation”? Explain.
5. Define the term: Hypothesis and outline the various types of hypotheses.
6. What is Scaling? Explain.
7. Define the term ‘variable’ and explain the methods of controlling extraneous variable.
8. Outline the ethical principles considered in involving animals for research.

SECTION B

Answer any THREE questions.

(3 × 20 = 60)

All questions carry equal marks.

9. Explain in detail about the Mental measurement methods.
10. Outline the meaning and types of correlation and highlight the method of calculation of rank order and product moment correlation.

11. Bring out the various types of sampling methods and write its merits and demerits.
 12. Explain the steps involved in the construction and standardization of a psychological tool.
 13. Give a detailed account on the various types of Research.
-