MAY 2013 **P/ID 28453/PPYC**

Time : Three hours Maximum : 100 marks

PART A — (10 × 2 = 20 marks)

Answer ALL questions in about 50 words each.

All questions carry equal marks.

1. Objectivity

2. Item analysis

3. Questionnaire

4. Predictive validity

5. Research design

6. Parameter

7. Measures of variability

8. Type II error

9. Sampling

10. Reliability

PART B — (5 × 6 = 30 marks)

Answer ALL questions in about 250 words each.

All questions carry equal marks.

11. (a) Elucidate the scales of measurement.

Or

(b) What is item difficulty?

12. (a) Explain the types of validity.

Or

(b) Elucidate Two-Randomized group design.

13. (a) Describe inferential statistics.

Or

(b) Distinguish the Placebo control and double blind experiments.

14. (a) Explain types of tests.

Or

(b) What are the measures of central tendency?

15. (a) Explain Ex-post Facto research.

Or

(b) What is probability theory?

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PART C — (5 × 10 = 50 marks)

Answer ALL questions in about 500 words each.

All questions carry equal marks.

16. (a) What is pretest and post test? Suggest appropriate statistical technique for analysis.

    Or

    (b) Give a detailed account on item total correlation.

17. (a) Give a detail account on measurement in psychology.

    Or

    (b) Narrate the steps involve in developing a psychological questionnaire.

18. (a) Bring out the statistical techniques to validate the developed questionnaires.

    Or

    (b) What is reliability? Describe the types of reliability.

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19. (a) Elucidate informal research designs.

     Or

    (b) Explain different types of research.

20. (a) Explain the steps in developing likert's attitude scale.

     Or

    (b) Give a detailed account on experimental methods.

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