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B – 4737

Reg. No. :

Name :

First Semester M.Sc. Degree Examination, January 2017
Branch : Counselling Psychology
CP 214 : RESEARCH METHODOLOGY

Time : 3 Hours

Max. Marks : 75

SECTION – A

Answer **any two** questions. **Each** question carries **15** marks.

1. Discuss the various factors influencing scientific research.
2. Differentiate qualitative and quantitative research methods with examples.
3. Briefly explain the use of multivariate analysis in psychological research.
4. Discuss the various types of experimental designs in psychological studies.

(2×15=30 Marks)

SECTION – B

Answer **any five** questions. **Each** question carries **five** marks.

5. Partitioning of variance.
6. Role of psychological tests in data collection.
7. Non-parametric statistical techniques.
8. Sources of research problems.
9. Ethical issues in psychological research.
10. Techniques of controlling extraneous variables.
11. Differentiate continuous and discrete variables.
12. Factorial designs in psychological research.

(5×5=25 Marks)

P.T.O.



SECTION - C

Write short notes on **ten** of the following. **Each** question carries **two** marks.

13. Discourse analysis.
14. Multiple range test.
15. Effect size.
16. Matched group design.
17. External validity.
18. Discriminant functional analysis.
19. Dispersion.
20. Correlational research.
21. Small N design.
22. Fixed and random effects.
23. Frequency curve and ogive.
24. Probability sample.

(10x2=20 Marks)