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Reg. No. : .....

Name : .....

**First Semester M.Sc. Degree Examination, February 2016**  
**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. Bring out the features of within-group and between group designs with suitable examples.
2. Illustrate how a research work can be carried out.
3. Define factor analysis. Discuss the different methods of rotation with its rationale.
4. Explain in detail the different methods of sampling. **(2×15=30 Marks)**

**SECTION – B**

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

5. Discuss different types of non-experimental methods.
6. Bring out the characteristics of qualitative research.
7. Briefly explain the different methods of data collection.
8. How regression and discriminant functional analysis is related ? Explain.
9. Give a brief account of descriptive research.
10. Discuss the nature of true experimental designs.
11. Briefly explain the characteristics of good hypothesis.
12. Describe the factors affecting scientific research. **(5×5=25 Marks)**

P.T.O.



## SECTION - C

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

13. Multiphase sampling
14. Grounded theory
15. Histogram and Bar charts
16. One sample t-test
17. B and Beta weights
18. Path coefficients
19. Degrees of freedom
20. Statistica and Systat
21. Eigen value
22. Types of Extraction
23. Randomization
24. Data coding.

(10×2=20 Marks)