



(Pages : 2)

20
F – 4696

Reg. No. :

Name :

**First Semester M.Sc. (Counselling Psychology) Degree Examination,
February 2019**

**CP 214 : RESEARCH METHODOLOGY
(2013 Admission Onwards)**

Time : 3 Hours

Max. Marks : 75

SECTION – A

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

1. Define scientific research and describe the stages of scientific research.
2. What are the basic principles in experimental design? Explain the meaning, purpose and types of research design.
3. What is the relevance of qualitative studies in psychology ? Elucidate with the support of suitable examples.
4. What is the significance of report writing ? Describe the APA specification of report writing. **(2×15=30 Marks)**

SECTION – B

Answer **any five** questions. **Each** question carries **5** marks.

5. Differentiate with in and between group designs.
6. Explain the advantages of factorial design.
7. Describe different kinds of small N designs.
8. Explain the advantages of single subject design.
9. How MANOVA different from ANOVA ?
10. What is the role of graphical presentation in research reporting ?
11. What are the major elements of research proposal ?
12. Explain the significance and role of computers in scientific research. **(5×5=25 Marks)**

P.T.O.



SECTION – C

Write notes on **10** of the following. **Each** carries **2** marks.

13. Ethnography.
14. Two-group design.
15. Non-probability sampling.
16. Frequencies table.
17. Source of error variance.
18. Survey research.
19. Multiple R.
20. Path analysis.
21. Archival research.
22. Analysis of co-variance.
23. Normal curve.
24. Post-hoc tests.

(10x2=20 Marks)





(Pages : 2)

12

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.

(10×2=20 Marks)



(Pages : 2)

19 -
D - 5663

Reg. No. :

Name :

**First Semester M.Sc. (Counselling Psychology) Degree Examination,
March 2018
CP - 214 : RESEARCH METHODOLOGY
(2013 Admn. Onwards)**

Time : 3 Hours

Max. Marks : 75

SECTION - A

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

1. Describe the logic, relevance and basic characteristics of qualitative research.
2. Differentiate between systematic variance and error variance and discuss the different techniques used for controlling error variance in research.
3. Describe the basic assumptions behind ANOVA and explain the relevance of higher order interactions.
4. Explain the purpose, conditions and interpretation of major parametric statistical techniques.

(2×15=30 Marks)

SECTION - B

Answer **any five** questions. **Each** question carries **5** marks.

5. Briefly describe the structure and format of a research report.
6. Differentiate between experiment and quasi-experimental research.
7. Explain Type I and Type II errors in hypothesis testing.
8. Bringout the significance of discourse analysis.

P.T.O.



9. What is the difference between Pearson 'r' and Multiple R ?
10. Outline the ethical problems in research.
11. Describe the techniques of controlling extraneous variables.
12. Establish the significance of review of literature in research. **(5×5=25 Marks)**

SECTION – C

Write notes on **10** of the following. **Each** carries **2** marks.

13. Discriminant analysis.
14. Bar chart.
15. Small N design.
16. Hypothesis.
17. Multiple R.
18. Descriptive statistics.
19. Probability sampling.
20. Randomization.
21. Statistical softwares.
22. Types of variables.
23. Archival research.
24. Path analysis. **(10×2=20 Marks)**

27

(Pages : 2)

H – 3694

Reg. No. :

Name :

First Semester M.Sc. Degree Examination, December 2019
Counselling Psychology
CP 214 RESEARCH METHODOLOGY
(2013 Admission onwards)

Time : 3 Hours

Max. Marks: 75

SECTION – A

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

1. Evaluate the different types of research.
2. Which are the different sources of error variance? How can we control them?
3. How can we effectively present the data? Explain.
4. Explain the major ethical considerations in research.

(2 × 15 = 30 Marks)

SECTION – B

Answer any **five** questions. Each question carries **5** marks.

5. Major elements of research proposal.
6. Assumptions of parametric test.
7. Probability sampling.
8. Compare content analysis with narrative analysis.
9. Review of literature.
10. Two group designs.
11. Factor Analysis.
12. Use of computers in research.

(5 × 5 = 25 Marks)

P.T.O.



SECTION – C

Answer any ten questions. Each question carries 2 marks

13. Inferential statistics
14. Ethnographic research
15. Sampling
16. Research design
17. Discourse analysis
18. Standard Deviation
19. Chi-square test
20. Regression
21. Hardware and software
22. Snowball sampling
23. Grounded theory
24. Epistemology

(10 × 2 = 20 Marks)





(Pages : 2)

8

10281

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.

10281



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)



(Pages : 2)

8908

Reg. No. :

Name :

**First Semester M.Sc. (Counselling Psychology) Degree
Examination, February 2015
CP 214 – RESEARCH METHODOLOGY**

Time : 3 Hours

Max. Marks : 75

SECTION – A

Answer **any 2** questions. **Each** question carries **15** marks.

1. Describe the basic classifications of psychological research.
2. Describe the different sampling techniques.
3. Explain about the purpose and principles of experimental research design.
4. Explain about the computer applications in research.

SECTION – B

Answer **any 5** questions. **Each** question carries **5** marks.

5. Describe the limitations of survey research methods.
6. Contrast the experimental and non-experimental research studies with examples.
7. Explain the advantages and disadvantages of random sampling technique.
8. Outline Ethnographic method and its usage in organizational culture.
9. What are the major ethical considerations in research ?
10. Quantitative methods is better and easier method than qualitative methods. Argue.
11. Explain some of the major Non-parametric tests.
12. Outline the advantages and disadvantages of graphic presentation method.

P.T.O.



SECTION - C

Write notes on **10** of the following. **Each** carries **2** marks.

13. Non Participant Observation.
14. Exploratory Research.
15. Alternate Hypothesis.
16. Sampling Error.
17. Discourse Analysis.
18. Stratified Sampling.
19. Frequency Curve and Ogive.
20. Post hoc test.
21. Within Group Design.
22. Mode.



Reg. No. :

Name :

First Semester M.Sc. Degree Examination, March 2014
COUNSELLING PSYCHOLOGY
CP 214 – Research Methodology

Time: 3 Hours

Max. Marks : 75

SECTION – A

Answer **any 2** questions. **Each** question carries **15** marks.

1. Explain various methods of data collection and analysis in qualitative research.
2. Discuss the characteristic features of science and the scientific approach.
3. How to write a research report ? Explain in detail.
4. Elaborate on the different types of variables.

SECTION – B

Answer **any 5** questions. **Each** question carries **5** marks.

5. Differentiate systematic sampling from simple random sampling with examples.
6. Describe the relevance of review of literature for problem definition.
7. What are the sources of error variance and its methods of overcoming it ?
8. Explain the salient features of qualitative research method.
9. What are the major elements one should look for discourse analysis ?
10. Describe some of the major descriptive research methods in psychology.
11. Explain Type – I and Type – II errors in hypothesis testing.
12. Illustrate the applications of factor analysis in social science.



SECTION - C

Write notes on **10** of the following. **Each** carries **2** marks.

13. Snowball sampling
14. Quartile Deviation
15. Case Study Approach
16. Pseudo Experiment
17. Dependent Variable
18. Chi-square method
19. Pie chart
20. Data Editing
21. Control Group
22. Problem Definition.