

Rajiv Gandhi University of Health Sciences

First Year M.Sc. (Nursing) Degree Examination - Nov 2011

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[Time: 3 Hours]

[Max. Marks: 80]

NURSING RESEARCH

(RS 3 & RS 4)

Q.P. CODE: 9633 & 9634

Your answers should be specific to the questions asked. Draw neat labeled diagrams wherever necessary. Use separate answer books for section A and section B.

Q.P. CODE: 9633 - Section A

[40 marks]

ANSWER THE FOLLOWING

2 X 15 = 30 Marks

1. Explain the characteristics and phases of qualitative research design.
2.
 - a) Explain the term validity and reliability of a tool
 - b) Discuss the major methods of estimating reliability
 - c) Validity and reliability are significantly interrelated how?

SHORT NOTES (Answer any ONE)

1 X 10 = 10 Marks

3.
 - a) What is meant by 'Representativeness' of a sample? How is it achieved?
 - b) Describe the procedure of lottery method of drawing samples.
4.
 - a) Discuss the meaning and importance of pre-testing an instrument.
 - b) Discuss the meaning and functions of a pilot study.

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Q.P. CODE: 9634 - Section B

Statistics [40 marks]

Use separate answer book

ANSWER THE FOLLOWING

2 X 15 = 30 Marks

1.
 - a) Define range, standard deviation and coefficient of variation with suitable examples
 - b) Explain their properties
2. Calculate the mean, median mode and standard deviation of the following frequency distribution

Marks obtained	No. of Students
Below 10	3
Below 20	8
Below 30	17
Below 40	20
Below 50	22

SHORT NOTES (Answer any ONE)

1 X 10 = 10 Marks

3. Explain the meaning of ANOVA. Describe briefly the technique of analysis of variance for one-way and two-way classifications.
4. Explain in detail the procedure of selecting samples using stratified random sampling more efficient method compared to other methods.

