Rajiv Gandhi University of Health Sciences
First Year M. Sc. (Nursing) Degree Examination - May 2013

[Max. Marks: 40]

[Time: 3 Hours]

Note – Three hours given to complete Q P 9633 & 9634

NURSING RESEARCH (RS3 & RS4)

Q.P. CODE: 9633

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary.

ANSWER THE FOLLOWING   2 X 15 = 30 Marks

1. Explain the role of review of literature in research

2. Explain the significance of pilot study in nursing research

SHORT NOTES (Answer any ONE)   1 X 10 = 10 Marks

3. Validity and Reliability of the tool

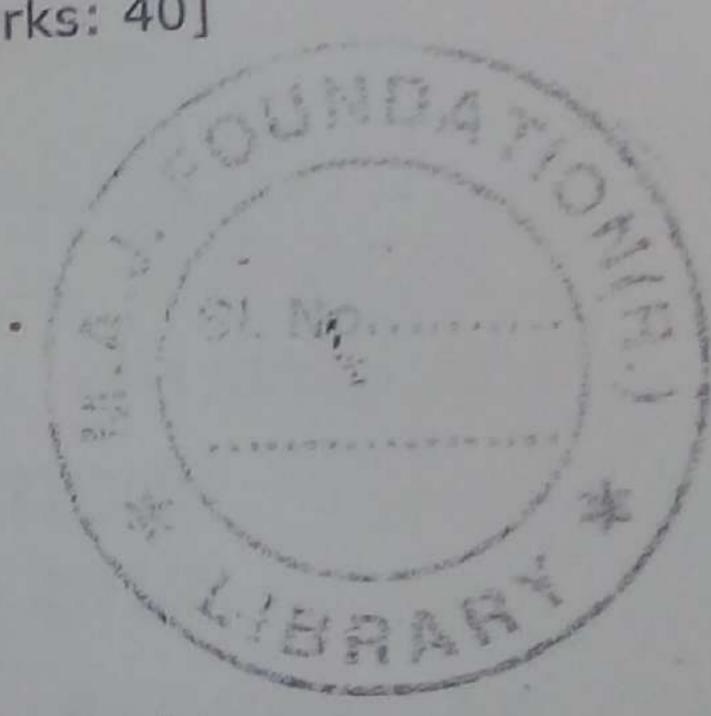4. Preparing data for computer analysis and presentation

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[Max. Marks: 40]

[Time: 3 Hours]

Note – Three hours given to complete Q P 9633 & 9634

Statistics (RS3 & RS4)

Q.P. CODE: 9634

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary.

2 X 15 = 30 Marks

ANSWER THE FOLLOWING

1. Compute arithmetic Mean, Median, Standard deviation and Coefficient of variation for the following data.

Weight of Adolescent girls (in pounds)	No. of Girls
40 - 59	50
60 – 79	250
80 – 99	500
100 – 119	150
120 – 139	50

2. a) Explain the procedure of selecting samples using stratified random sampling technique

   b) Define the following terms with an illustration
   (i) Null and alternative hypothesis (ii) One-tailed and two-tailed tests
   (iii) α-error and β-error (iv) Power of test (v) Confidence level

SHORT NOTES (Answer any ONE)   1 X 10 = 10 Marks

3. Mention the properties of normal distribution. Add a note on the importance of standard normal distribution in inferential statistics

4. a) Define correlation and regression
   b) What are the different measures of correlation? Interpret 'r' for different values

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