Rajiv Gandhi University of Health Sciences

First Year M. Sc. (Nursing) Degree Examination - APRIL 2017

[Time: 3 Hours]   [Max. Marks: 40]

Statistics (RS3 & RS4)

Q.P. CODE: 9634

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary.
(Note: Both QP codes 9633 and 9634 should be, completed within the total duration of three hours)
Use separate answer books for 9633 and 9634

ANSWER THE FOLLOWING   **2 X 15 = 30 Marks**

1. a) When do we use t-test in research? (5+10 = 15 Marks)
    b) Calculate t-value for the following group and find out its significance.

Group	n	Mean	SD
Boys	100	25	1.8
Girls	100	38	2.0

    (t = 2.61 at 0.01 level)

2. Explain the measures of central tendency in detail with examples.

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

3. Randomized block design

4. Mann Whitney's "U" test

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