

# Rajiv Gandhi University of Health Sciences

## First Year M.Sc. (Nursing) Degree Examination - OCT-2019

[Time: 3 Hours]

[Max. Marks: 80]

### BIostatISTICS, RESEARCH METHODOLOGY & NURSING RESEARCH

#### (Revised Scheme 2)

Q.P. CODE: 9606 &amp; 9607

Your answers should be specific to the questions asked.

Draw neat, labeled diagrams wherever necessary.

Use separate answer books for section A and section BSection A and Section B should be completed within total duration of three hours.

Q.P. CODE: 9606 - Section A

Biostatistics [40 marks]

#### ANSWER THE FOLLOWING

2 X 15 = 30 Marks

1. Calculate central tendencies of 470 infants born in a hospital, in one year from the following table

Weight of infants in kg	No. of Infants
2.0-2.4	17
2.5-2.9	97
3.0-3.4	187
3.5-3.9	135
4.0-4.4	28
4.5-4.9	06

2. Enumerate the steps in hypothesis testing with an example.

#### SHORT NOTES (Answer any ONE)

1 X 10 = 10 Marks

3. Sampling errors  
4. Normal distribution

\*\*\*\*\*