

*Total number of printed pages-3*

**34 (2) RMBI 2·5**

**2018**

**RESEARCH METHODOLOGY AND  
BIostatISTICS**

*Full Marks : 80*

Time : Three hours

***The figures in the margin indicate  
full marks for the questions.***

- A. Short Answer Type : 10×2=20
1. What are the methods of data collection?
  2. Write *two* criteria of a good research.
  3. Explain Mutually Exclusive Events.
  4. Define mean and mode.
  5. What is Hypothesis?
  6. What do you mean by a research problem?

*Contd.*

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7. Define primary and secondary data.
8. What are the characteristics of statistics?
9. Explain Histogram.
10. Define skewness.

B. Short Answer Type : *(any eight)*

8×5=40

1. What are the basic principles of research design?
2. Explain the qualities of a good research.
3. What are the problems faced by researchers in India?
4. Explain different measurement scales.
5. Comparison between mean, median and mode.
6. Write short notes on:
  - (a) Cumulative frequency curve
  - (b) Smooth frequency polygon.
7. What are the basic concepts concerning testing of hypothesis?

8. Define variables. Explain their types.
9. What are the criteria for selecting sampling procedure?

C. Essay Type : *(any two)* 2×10=20

1. Discuss ANOVA and ANOCOVA.
2. Discuss various types of research.
3. Describe processing and analysis of data.