

Final Professional B.A.M.S Degree Examinations March 2019

Research Methodology and Medical Statistics

(2012 Scheme)

Time: 2 hours

Total Marks: 50

- *Answer all questions*
- *Draw diagrams wherever necessary*
- *Ordinary calculator permitted*
- *Use **52 pages** Answer Book only*

Essay

(10)

1. Illustrate various types of study designs in health research.

Short Notes

(5x5=25)

2. What is a variable. Differentiate between continuous and discrete variables with suitable examples.
3. What are the factors to be considered for the selection of a topic for research.
4. The importance of ethics in biomedical research. Mention the major ethical principles involved in biomedical research.
5. Illustrate perception (प्रत्यक्षः)
6. Explain the concept and importance of evidence based medicine and its applicability in Ayurveda.

Answer briefly

(5x3=15)

7. What is 'measure of variability'.
8. What is meant by population.
9. Differentiate average and percentile.
10. What is standard deviation.
11. Test of significance.
