

Q.P.Code: 315005

Reg. No.....

**Third Professional B.S.M.S Degree Regular/Supplementary
Examinations September 2019**

Research Methodology and Medical Statistics

(2013 Scheme)

Time: 3 hrs

Max. Marks: 100

- **Answer all the questions**
- **Draw diagrams wherever necessary**

Essay:

(2x10=20)

1. What are the differences between observational studies and experimental studies.
2. What is ethics. Describe in detail about protection of human participants in research.

Short Notes:

(10x5=50)

3. Multi centric trials
4. Steps in literature review
5. Developing and refining research problem
6. Intellectual property rights
7. Sampling technique
8. Pharmacovigilance
9. Evidence based practice
10. Interpretation of the research report
11. Informed consent
12. Responsibilities of investigator

Answer briefly:

(10x3=30)

13. Hypothesis
14. AYUSH GMP
15. Phases of clinical trial
16. Histogram
17. Adverse drug reactions
18. Variables
19. t -test
20. Qualitative data
21. Define mean and median
22. CTRI
