

**Q.P.Code: 315005 (New Scheme)**

**Reg. No.....**

**Third Professional B.S.M.S Degree Supplementary Examinations,  
March 2017**

**Research Methodology and Medical Statistics**

**(2013 Scheme)**

- Answer all the questions
- Draw diagrams wherever necessary

**Time: 3hrs**

**Max. Marks: 100**

**Essay:**

**(2x10=20)**

1. Elaborate on tabulation and diagrams used to describe data in clinical trial
2. Compare ancient method of siddha diagnosis and modern diagnosis

**Short Notes:**

**(10x5=50)**

3. Uses of medical statistics
4. Adulteration of drugs
5. Randomized control trial
6. Cohort study
7. Role of adjuvant for drug consumption
8. Patient's rights in clinical studies
9. Role of control group in animal experiments
10. Mean and standard deviation
11. Scientific article contents
12. Double blind study

**Answer briefly:**

**(10x3=30)**

13. Interpretation of p value
14. Pharmacovigilance
15. Stability and self-life
16. Microbial analysis
17. AYUSH GCP
18. Biostatistics
19. Use of 't' test
20. Use of sampling
21. Explain uses of purgation
22. Quantitative data

\*\*\*\*\*