

# 2013 Scheme

Q.P. Code: 315005

Reg. No.....

Third Professional B.S.M.S Degree Supplementary Examinations  
March 2021

## Research Methodology and Medical Statistics

Time: 3 hrs

Max. Marks: 100

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers • Draw Diagrams wherever necessary*

### Essay:

(2x10=20)

1. Explain in details about AYUSH GCP guidelines.
2. Describe about the standardization of siddha drugs.

### Short Notes:

(10x5=50)

3. The types of research.
4. The importance of literary review.
5. Explain SPSS.
6. Explain the correlation and regression.
7. Intellectual property right.
8. The hospital management system.
9. The pharmacovigilance.
10. Research protocol.
11. Explain nanotechnology.
12. Explain about the sampling techniques.

### Answer briefly:

(10x3=30)

13. What are phases of clinical trial.
14. Explain an adverse drug reaction.
15. Difference between the prospective and retrospective studies.
16. Define CRF.
17. The OECD.
18. Authentication of raw drugs.
19. Cross sectional study.
20. Explain CTRI.
21. Explain interim review.
22. Difference between the in vivo and in vitro.

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