

# 2016 Scheme

Q.P. Code: 325005

Reg. No.....

## Third Professional B.S.M.S Degree Regular/Supplementary Examinations March 2022 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

### Essays: (2x15=30)

1. Define study design. Explain the types of observational studies in detail with examples.
2. Define ethics committee. Write details of composition and functioning of ethics committee.

### Short Notes: (10x5=50)

3. Biopiracy and Explain the role of TKDL in preventing biopiracy.
4. ADR. Explain Identification and Prevention of ADR.
5. SWOT Analysis.
6. Steps in Literary Research.
7. RCT.
8. CTRI.
9. Measures of Dispersion.
10. T-Test.
11. The following are the duration in days, from 1<sup>st</sup> day of last menstruation period to the child birth from 2017 records. Obtain the Median value.

Duration	240-250	250-260	260-270	270-280	280-290
Frequency	150	200	450	600	500

12. Normal Distribution.

### Answer briefly: (10x2=20)

13. Define research.
14. Pharmacovigilance.
15. Interim review.
16. Case control study.
17. Define protocol.
18. Chi-Square Test.
19. Difference between qualitative and quantitative data.
20. Demography.
21. Box plot.
22. Sampling.

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