

2016 Scheme

Q.P. Code: 325005

Reg. No.....

Third Professional B.S.M.S Degree Regular Examinations September 2024

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-Research. Types of Research and explain about Research Process.
2. Explain Ethics in research? Elaborate compositions of regulatory bodies, interim review, Review process and decision making process.

Short Notes: (10x5=50)

3. IPR.
4. Data collection methods.
5. Clinical trials.
6. Pharmacovigilance.
7. Protocol writing.
8. Write about demography and Vital Statistics.
9. Data analysis and interpretation.
10. Types of sampling.
11. Measures of dispersion.
12. Testing Hypothesis.

Answer briefly: (10x2=20)

13. T test.
14. TKDL.
15. Bias.
16. Type 1 error.
17. ADR.
18. Cross Sectional Study.
19. Define- Meta analysis.
20. PLIM guidelines.
21. Define Probability
22. Confidence interval.
