

2013 Scheme

Q.P.Code: 315005

Reg. No.....

Third Professional B.S.M.S Degree Supplementary Examinations
March 2020

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 sample size calculation in detail.
2. Describe about the responsibilities of sponsor, monitor and investigator.

Short Notes:

(10x5=50)

3. Data analysis.
4. The importance of pharmacovigilance.
5. Explain the descriptive studies.
6. Explain the literary research.
7. The composition of ethics committee members.
8. The chi-square test.
9. Phases of clinical trial.
10. Adverse drug reactions.
11. How will you find the safety and efficacy of the particular drug
12. Explain about the pilot study.

Answer briefly:

(10x3=30)

13. What are CTRI, IPR and TKDL.
14. What is nanotechnology.
15. Difference between the IEC and IAEC.
16. What is PLIM and write about the scope of PLIM.
17. The informed consent process.
18. The alavaigal.
19. What is prospective study.
20. What is GMP. Benefits of GMP certified company.
21. What is protocol.
22. Difference between the interim review and final report.
