

Q.P.Code: 315005 (New Scheme)

Reg. No.....

Third Professional B.S.M.S Degree Examinations, September 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. Define and explain cohort study design with suitable example.
2. Describe the steps in research process

Short Notes:

(10x5=50)

3. Epidemiological research.
4. Steps in thesis writing
5. Traditional methods to identify the quality of the raw drug
6. Types of sampling.
7. Meta analysis
8. Primary data
9. Non randomized trial
10. Data processing
11. Pre-clinical trial
12. Responsibilities of institutional ethical committee (IEC)

Answer briefly:

(10x3=30)

13. Identification of adverse drug reactions.
14. Case control study
15. Phase II clinical trial
16. Bar chart
17. Case report form (CRF)
18. Standard deviation
19. SWOT
20. Tests of significance
21. Pilot study
22. Ethics in research
