

Q.P.Code: 315005 (New Scheme)

Reg. No.....

Third Professional B.S.M.S Degree Examinations, September 2016

Research Methodology and Medical Statistics

(2013 Scheme)

- **Answer all the questions**
- **Draw diagrams wherever necessary**

Time: 3hrs

Max. Marks: 100

Essay:

(2x10=20)

1. Design a case record form for moolam (piles) disease
2. Describe different epidemiological study designs

Short Notes:

(10x5=50)

3. Siddha diagnosis
4. Types of Research
5. Diagrams used to represent data
6. Measures of central tendency
7. Responsibility of research investigator
8. Ethical issues in clinical research
9. Birth and death rates
10. Uses of chi-square test
11. Tabulation
12. Protocol use and its elements

Answer briefly:

(10x3=30)

13. Data collection errors
14. Objective and outcome in protocol
15. Contents of Patient's information sheet for clinical trial
16. Literature search use
17. Reference styles
18. Types of data
19. Paired 't' test
20. Health management information system
21. Correlation
22. Drug purification purpose
