

Q.P.Code:194250

Reg. No.:.....

M.D.S. Part I Degree Supplementary Examinations, November 2014

(2012 New Scheme)

Paper IV - Research Methodology, Biostatistics, Dental Radiology, Emergency Medical Management and Ethics in Dentistry

Time : 3 hrs

Max marks : 100

- Answer **all** questions.
- Illustrate your answers with relevant neatly labeled diagrams / tables / graphs wherever necessary.

Essay:

(2x20=40)

1. Discuss the methods of collection, compilation and graphical representation of statistical data (5+5+10=20)
2. Discuss the various digital imaging techniques used in dentistry. Mention the advantages and disadvantages of each (12+8=20)

Short essay:

(6x10=60)

3. Management of syncope in the dental clinic.
4. Ethical considerations in human research
5. Chi-square test
6. Differential diagnosis of radiolucent lesions of jaw
7. Drug related emergencies
8. Research ethics in drug trials
