

Q.P.Code:194250

Reg. No.:.....

M.D.S. Part I Degree Examinations, June 2013

(2012 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. What are the steps in scientifically analyzing research. How do you formulate a hypothesis and mention the reasons for preparing a protocol (5+7+8=20)
2. What are the factors to be considered in radiographic interpretation. Discuss the differential diagnosis of radiolucent lesions of the jaws (10+10=20)

Short essay:

(6x10=60)

3. Hyper ventilation
4. The Hippocratic oath
5. Paired 't' test
6. Pathophysiology and management of vasovagal syncope
7. Malpractice and negligence
8. Retrospective research
