

Q.P.Code:104227

Reg. No.:.....

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

(2010 Scheme)

Paper IV - Branch II – Periodontology

Time: 3 hrs

Max marks: 100

- Answer **all** questions. Your answers should be specific to the questions asked.
- Illustrate your answers with relevant neatly labeled diagrams / tables / graphs wherever necessary.

Part A – Research Methodology, Biostatistics, Dental Radiology, Emergency Medical Management and Ethics in Dentistry

Essay: **(20)**

1. Define randomized controlled trial. Discuss steps in randomized controlled trial.
Explain various designs in randomized controlled trials.

Short Essay: **(3x10=30)**

2. Syncope
3. Techniques of sampling
4. Radiation hazards

Part B – Pharmacology, Therapeutics and Material Science

Essay: **(20)**

5. Discuss the role of non steroidal anti-inflammatory drugs in periodontal therapy.

Short Essay: **(3x10=30)**

6. Indications and contra-indications of local anesthesia
7. Synthetic bone graft materials
8. Disinfectants used in periodontal practice
