

**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

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