

Part I Degree Supplementary Examinations, December 2012

**Paper IV - Branch 2 - 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 research methodology. Discuss the step by step construction of a research design using format for a research proposal. Add a note on WHO format.

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

2. Helsinki's declaration 2008.
3. Advances in radiographic techniques in periodontics.
4. Periodontal management of chronic hyperglycemic patient.

**Part B - Pharmacology, Therapeutics and Material Science**

**Essay:** **(20)**

5. Classify antibiotic agents and discuss the indications, contraindications, advantages, disadvantages and role of macrolides in periodontics.

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

6. Disclosing agents.
7. Chlorhexidine local drug delivery in periodontics.
8. -Infection control.

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