

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.
