

Part I Degree Supplementary Examinations, December 2012

**Paper IV - Branch VII: Pedodontics and Preventive Dentistry**

**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. What is ethics and mention the values and norms. Describe in detail the various steps involved in research ethics.

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

2. Test of significance
3. Antibiotics prophylaxis against infective endocarditis - rationale, indications and recent regimen.
4. Normal radiographic anatomy of the mandible

**Part B- Child Psychology and Dental Materials**

**Essay: (20)**

5. Describe the various root canal filling materials in pediatric dentistry

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

6. Physical properties of dental materials
7. Psychosocial theory in child development
8. Conservative adhesive restoration

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