

Part I Degree Examinations, July 2012

Paper IV - Branch IV - Conservative Dentistry and Endodontics

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. Describe the various methods of cross infection control employed in the dental clinic.

Short Essay: (3x10=30)

2. Digital radiographic techniques
3. Myocardial infarction during dental treatment
4. Sampling and sample designs

Part B - Dental Materials

Essay: (20)

5. List the disadvantages of composite resins as a restorative material. Add a note on polymerization shrinkage and various means to overcome it

Short Essay: (3x10=30)

6. Recent advances in glass ionomer cements
7. Recent advances in dental porcelain
8. Mercury toxicity

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