

Part I Degree Supplementary Examinations, December 2012

Paper IV - Branch I: Prosthodontics and Crown & Bridge

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 meant by 'measures of central tendency' and 'measures of dispersion'. Explain each of them with the help of suitable examples.

Short Essay:

(3x10=30)

2. Procedure and application of bitewing radiographs.
3. Duties of dentists towards one another as prescribed by the Dental Council of India.
4. Anaphylactic shock and its management.

Part B - Dental Material Science

Essay:

(20)

5. Classify denture base materials. Describe the composition, properties and manipulation of polymethyl methacrylate.

Short Essay:

(3x10=30)

6. Composition and properties of irreversible hydrocolloid impression material.
7. Composition and desirable properties of inlay casting wax.
8. Recent developments in all-ceramic restorative materials.
