

Part I Degree Supplementary Examinations, December 2012

Paper IV - Branch VIII: Oral Medicine and Radiology

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. Enumerate the various techniques imaging of TMJ. Mention the indications, contraindications and limitations of each technique.

Short Essay:

(3x10=30)

2. Code of ethics.
3. Adverse drug reactions.
4. Chi square test.

Part B - General Physics, Radiobiology and Radiotherapy

Essay:

(20)

5. Define computed tomography. Explain its principle and application in dento maxillofacial radiology in detail.

Short Essay:

(3x10=30)

6. Factors affecting radiographic density.
7. Projection geometry in intraoral radiography.
8. Image receptors
