

Part I Degree Supplementary Examinations, June 2013
(2010 Scheme)

Paper IV - Branch V: Orthodontics and Dentofacial Orthopedics

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. Why should you know about research methodology. Mention the factors to be considered while selecting a research topic.

Short Essay: (3x10=30)

2. Measures of central tendency.
3. Occlusal radiographs in orthodontics.
4. Patient autonomy, as applied to orthodontics.

Part B - Applied Dental Materials

Essay: (20)

5. "Bonding is here to stay"-Discuss. Describe current bonding applications in orthodontics, add a note on recent advances.

Short Essay: (3x10=30)

6. Alginates continue to be the impression material of choice in orthodontics- Discuss critically.
7. Metallic brackets-manufacturing methods.
8. Methods to reduce friction of NiTi(Nickel Titanium) wires.
