

QP Code: 403002

Reg.No.:

Final Year BDS (Part I) Degree Examinations - August 2014

Orthodontics & Dentofacial Orthopaedics

Time: 3 Hours

Max Marks: 100

- Answer all questions
- Draw diagrams wherever necessary

Essays

(2x14=28)

1. Enumerate the different methods of gaining space. Explain the role of expansion as a method of gaining space. (4+10=14)
2. Enumerate the various theories of growth. Explain the mode of action of Frankel appliance with reference to functional matrix hypothesis (4+10=14)

Short essays

(4x8=32)

3. What are trajectories of force. List out and explain the different trajectories for maxilla and mandible. (3+5=8)
4. Define serial extractions. Mention the indications, advantages and method of serial extraction (2+2+2+2=8)
5. Discuss the biomechanical principles of orthodontic tooth movement. Add a note on optimum orthodontic force (6+2=8)
6. Describe the team approach in treatment planning of cleft lip and palate and the stages of treatment in detail. (3+5=8)

Short notes

(10x4=40)

7. Spheno-occipital synchodrosis
8. Incompetent lips
9. Z spring
10. Tweeds triangle
11. Sequence of eruption of permanent teeth- upper and lower
12. Weld decay
13. Balancing extraction
14. Fixed Retainers
15. Apertognathia
16. Austenitic stainless steel
