

QP Code: 403002

Reg. No.: .....

**Final Year BDS (Part I) Degree Supplementary Examinations  
January 2018**

**Orthodontics & Dentofacial Orthopaedics**

**Time: 3 Hours**

**Max Marks: 100**

- Answer all questions
- Draw diagrams wherever necessary

**Essays**

**(2x14=28)**

1. Define growth and development. Describe in detail post-natal growth of mandible. (4+10)
2. Enumerate the various methods of gaining space. Describe the role of extraction as a method of gaining space with reference to different anchorage situations. (6+8)

**Short essays**

**(4x8=32)**

3. Serial extraction
4. Classify mouth breathers and describe the design and role oral screen in the same. (3+5)
5. Classify functional appliances and describe the design of the twin block appliance. (3+5)
6. Describe the features of class II Div 1 malocclusions and compare them with class II divn II malocclusions.

**Short notes**

**(10x4=40)**

7. Catalans appliance
8. Functions of base plate
9. Disadvantages of Angle's system of classification
10. Couple and its role in orthodontic tooth movement
11. Iatrogenic effects of orthodontic appliances
12. Leeway space of Nance
13. Wolff's law of trajectories of forces
14. Stainless steel wire
15. Modifications of the Adams clasp
16. Roberts retractor

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