

# **2010 Scheme**

**QP Code: 403002**

**Reg. No.: .....**

## **Final Year BDS (Part I) Degree Supplementary Examinations July 2025**

### **Orthodontics & Dentofacial Orthopedics**

**Time: 3 Hours**

**Max Marks: 100**

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw Diagrams wherever necessary.*

#### **Essays**

**(2x14=28)**

1. Define Orthodontic Anchorage, List the anatomical structures that are used as a source of anchorage. Describe extra oral anchorage and intraoral anchorage with suitable clinical examples (2+4+8)
2. Define myofunctional Appliances. Explain the principle and mechanism of action of myofunctional appliances. Write a note on twin block appliance (2+3+9)

#### **Short essays**

**(4x8=32)**

3. Management of open bite
4. Classify springs. Indications of coffin spring
5. Aetiology of malocclusion
6. Write a note on phases of tooth movement

#### **Short notes**

**(10x4=40)**

7. Scammon's growth curves
8. Wolff's law
9. Moyer's mixed dentition analysis
10. Witt's appraisal
11. Microesthetics
12. Enumerate factors affecting growth
13. Jackson's triad
14. Optimum orthodontic force
15. Growth site versus growth centre
16. Undermining resorption

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