



**BCI-02012152**

Seat No. \_\_\_\_\_

**Final Year Examination**

**August - 2021**

**Orthodontics & Dentofacial Orthopaedics**

Time : 3 Hours]

[Total Marks : 70

**SECTION - A**

- 1 What are orthopaedic appliances ? Describe headgear. **10**  
Describe the mechanism of action, effects and modifications of Activator in detail.
- 2 What are essential diagnostic aids ? Describe Tweeds analysis in detail. **10**

**OR**

- Describe in detail the various stages of development of dentition. **10**
- 3 Write Short Notes : (any **three**) **15**
  - (a) Ackermann profit classification.
  - (b) Stationary anchorage.
  - (c) Broadbent's phenomenon.
  - (d) Andrews six keys of occlusion.

**SECTION - B**

- 1 Describe prenatal and postnatal development of mandible in detail. **10**
- 2 Describe biologic basis of tooth movement in detail. **10**

**OR**

- Describe arch expansion as a method of gaining space. **10**

**3 Write Short Notes : (any three)**

**15**

- (1) Pattern of growth.
  - (2) Adams clasp.
  - (3) Active components of a removable orthodontic appliance.
  - (4) Pericision, pseudo class III malocclusion.
-