

**Orthodontia**  
*[for New Scheme Students only]*

**M.M. : 90**

**Time : 3 Hours**

*Note : Attempt all questions.  
Use Separate Answer Sheet for Each Part.*

**Part - I**

1. Differentiate between Growth and development. Discuss the growth of mandible with the help of suitable diagrams. [15]
2. Discuss the etiology, clinical features and line of treatment for Crossbites. [15]
3. **Write short notes on:**
  - a. Therapeutic extractions in Orthodontics. [5]
  - b. Simon's classification. [5]
  - c. Hyalinization. [5]

**Part -II**

4. Define Anchorage. Discuss the various types of anchorage used in orthodontics with the help of suitable diagrams. [15]
5. Discuss with suitable examples, why mixed dentition stage is considered as ideal time for correction of many types of Malocclusion. [15]
6. **Write short notes on:**
  - a. Down's analysis. [5]
  - b. Hand wrist X-rays. [5]
  - c. Open bite. [5]