



JK-02012152

Seat No. _____

Fourth Year B. D. S. Examination

July - 2019

Orthodontics & Dentofacial Orthopedics

Time : **3** Hours]

[Total Marks : **70**

- Instructions :**
- (1) Write each section in separate answer book.
 - (2) Draw figure wherever necessary.
 - (3) Figures on right indicate marks.
 - (4) Attend all questions.

SECTION-I

1 Enumerate various theories of growth. Describe in detail functional matrix theory ? **10**

2 Discuss various etiological factors leading to malocclusion ? **10**

OR

2 Define and classify habits. Discuss in detail about mouth breathing habit ? **10**

3 Short Notes : (Any Three) **15**

- (1) Cervical Vertebral Maturity Indicators
- (2) NiTi arch wires
- (3) Jackson's Triad
- (4) Pseudo Class III Malocclusion.

SECTION-II

- 4 Classify Myofunctional Appliances and discuss in detail about Twin Block Appliance ? **10**
- 5 Write in Detail : (Any Two) **10**
- (1) Slow Versus Rapid maxillary Expansion
 - (2) Advantages and Disadvantages of Removable and Fixed Orthodontic Appliances
 - (3) Anchorage in Orthodontics.
- 6 Answer the Following : (Any five) **10**
- (1) Pressure Tension Theory
 - (2) Serial Extraction
 - (3) Management of Midline Diastema
 - (4) Pont's Index
 - (5) Supplemental Diagnostic Aids in Orthodontics
 - (6) Wires used in Orthodontics
- 7 Answer the Following : (Any five) **5**
- (1) Use of Chin cup in Orthodontics
 - (2) Importance of Growth Spurts
 - (3) Tweeds Triangle
 - (4) VTO
 - (5) Wilkinsons Extraction
 - (6) Adams Clasp.
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