

N

(Printed Pages 3)

(20417)

Roll No.

B.D.S. IV Prof.

5150(N)

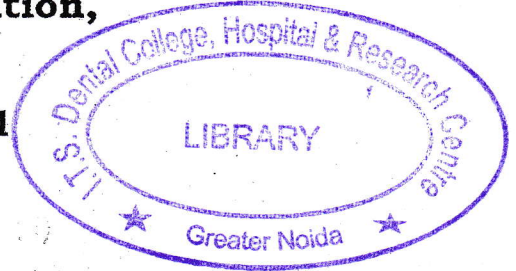
B.D.S. Supply. & Main Examination,

April - 2017

Orthodontics and Dentofacial

Orthopaedics

[BDS-016(N)]



Time : Three Hours]

[Maximum Marks : 70

Note : Attempt **all** questions. Draw neat labelled diagrams where necessary. Use separate copy of **Part-I** and **Part-II**.

Part - I

1. Describe various methods of studying growth. Discuss postnatal growth and development of mandible in detail. 10

P.T.O.

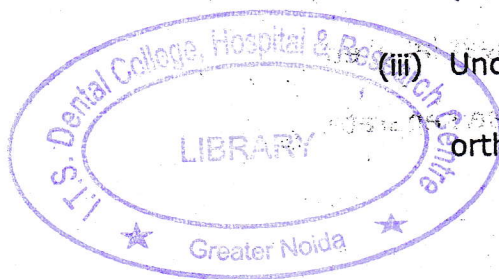
2. Define centre of rotation and centre of resistance of tooth. Discuss various types of orthodontic tooth movements in detail. 10

3. Write short notes on the following:

(i) Ackerman-Proffit classification of malocclusion. 5

(ii) Cervical Vertebrae Maturation Index (CVMI). 5

(iii) Undermining v/s frontal resorption in orthodontic tooth movement. 5



Part - II

1. Classify Myofunctional appliances. Discuss indications, bite registration, mode of action and trimming of Activator. 10

2. Describe different components of removable and fixed orthodontics appliances and their uses. 10

3. Write short notes on the following:

(i) Safety valve mechanism. 5

(ii) Slow vs Rapid Maxillary Expansion 5

(iii) Absolute anchorage. 5