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(20821)
MDS - III Year

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Roll No. ...196092004....

NP-5348

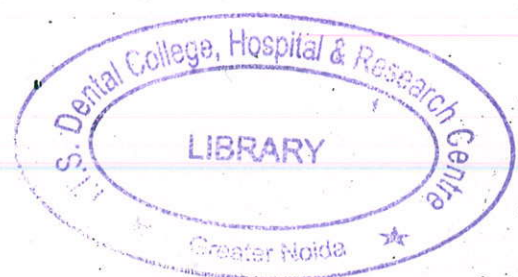
MDS Examination, August-2021
(Main Batch- 2018 - 21)

**ORTHODONTICS AND DENTOFACIAL
ORTHOPEDICS
PART-II, Paper-I**

**Orthodontics History Concepts of Occlusion
and Esthetics, Child and Adult Psychology
Etiology, Classification of malocclusion,
Dentofacial treatment planning, orthodontics
[MDS-314]**

Time : Three Hours *[Maximum Marks : 100]*
Note : Attempt All questions.

1. Discuss the sequential adjustment of maxillo-mandibular complex in relation to developing dentition from birth to adult hood. 25
2. Enumerate the oral functions and their maturation. 25
3. Functional and Parafunctional movements of mandible. 10
4. Write short notes on Annealing. 10
5. Discuss standard deviation and co-efficient of variation. 10
6. Discuss briefly social and behavioral development of a child. 10
7. Heat treatment of orthodontic wires. 10



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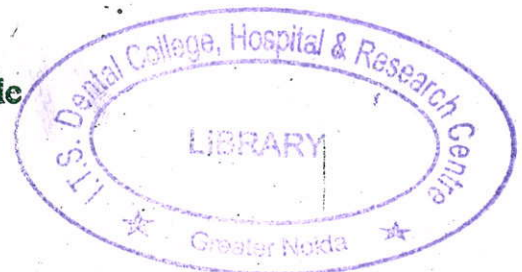
MDS Examination, August-2021
ORTHODONTICS AND DENTOFACIAL
ORTHOPEDICS
PART-II, PAPER-II
Clinical Orthodontics
[MDS-315]

Time : Three Hours]

[Maximum Marks : 100

Note : Attempt all the questions.

1. Discuss Mandibular advancement appliances with special emphasis on fixed functional appliances in treatment of class-II malocclusion. 25
2. Discuss loop mechanics versus sliding mechanics in preadjusted edgewise appliance. 25
3. Write Short Essays on the following : $5 \times 10 = 50$
 - (i) Clinical adjuncts in Bite opening
 - (ii) Bracket positioning for clinical excellence
 - (iii) Presurgical Orthodontics
 - (iv) Management of Gummy Smile
 - (v) Debonding



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MDS Examination, August-2021
ORTHODONTICS AND DENTOFACIAL
ORTHOPEDICS
PART-II, PAPER-III
(Descriptive and Analysis Type Question)
[MDS-316]

Time : Three Hours] [Maximum Marks : 100
Note : Attempt any two questions.

1. Surgical Orthodontics. 50
2. Complications and Management during Orthodontic Treatment. 50
3. Evolution of Self Ligating Brackets. 50

NP-5350



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M.D.S. (Supplementary) Examination, August-2021

(Supplementary-2017-20)

ORTHODONTICS AND DENTOFACIAL
ORTHOPAEDICS

Paper-II

Diagnosis and Treatment Planning

(MDS-314)

Time : Three Hours]

[Maximum Marks : 75

Note : Attempt all questions.

1. Role of soft tissue cephalometric analysis in orthodontic treatment planning. 25
2. Concepts of treatment planning to achieve maximum esthetics. 25

(2)

3. Write short notes on :
 - (a) Cervical vertebrae as skeletal maturity indicator. 5
 - (b) Cone Beam Computerized Tomography. 5
 - (c) Radiation Hazards in Orthodontics. 5
 - (d) Theories of Psychological development. 5
 - (e) Management of Cleft lip and palate patient. 5

