

113 Dental College & Hospital, Greater Noida
67, Knowledge Park-III, Greater Noida

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(20515)

Roll No.

M.D.S. III Year

5347

M.D.S. Examination, May 2015

**ORTHODONTICS & DENTOFACIAL OR-
THOPAEDICS**

Paper - I

**Applied Anatomy, Physiology, Pathol-
ogy, Genetics, Physical Anthropology &
Dental Material**

(MDS 313)

Time : Three Hours]

[Maximum Marks : 75

Note : Attempt all questions. Draw diagrams
wherever necessary.

1. Describe embryonic (EMBRYONIC) develop-
ment of head and face. Discuss the com-
mon Craniofacial Deformities & their causes.

25

P.T.O.

-
2. Give detailed description of Muscles of Mastication. Discuss relationship between muscles and malocclusion. 25
3. Write notes on :
- (a) Growth Hormone 5
 - (b) Bonding agents for metal & porcelain surface. 5
 - (c) Relationship of Malocclusion to Genetics 5
 - (d) Role of Analgesics in Orthodontics. 5
 - (e) Impression materials in Orthodontics. 5

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M.D.S. Examination, May 2015

ORTHODONTICS & DENTOFACIAL ORTHOPAEDICS

Paper - II

Diagnosis and Treatment Planning

(MDS 314)

Time : Three Hours]

[Maximum Marks : 75

Note : Attempt all questions.

1. Discuss diagnosis & Treatment planning of Transverse Problems in orthodontics. How they are related to sagittal and vertical dimensions. 25
2. Describe functional occlusion goals in orthodontics. 25

P.T.O.

3. Write notes on :

- (a) Cone beam computed tomography. 8
- (b) Adolescent psychology. 8
- (c) Orthodontic treatment planning of
periodontally compromised patients. 9

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M.D.S. Examination, May 2015

Orthodontics & Dentofacial Orthopaedics

Paper-III

Clinical Orthodontics and Mechanotherapy

(Code No. 315)

Time: Three Hours] [Maximum Marks : 75

Note : Attempt **all** questions. Draw diagrams wherever necessary.

1. How will you treat midline discrepancies originating from Skeletal, Dental reasons & from functional shift of mandible. 25
2. Discuss treatment of Class III malocclusion during mixed dentition period. 25

P.T.O.

-
-
3. Write short notes on : 25
- (a) Mode of action of Turn Block Appliance
 - (b) Consequences of improper torque on anterior teeth.
 - (c) Orthodontic treatment and temporomandibular disorders.
 - (d) Fixed/Permanent retainers
 - (e) Different archwire materials & their use in orthodontics.

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M.D.S. Examination, May 2015

Orthodontics & Dentofacial Orthopaedics

Essay

(MDS - 316)

Time: Three Hours]

[Maximum Marks : 75

Note : Attempt any one of the following :

1. Discuss the craniofacial imaging in orthodontics.

75

OR

Role of Temporary Anchorage Devices.

