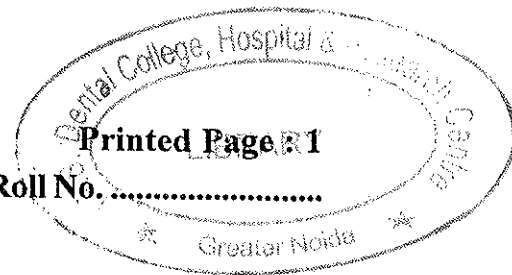


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(20617)
MDS-III Year

Roll No.



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**M.D.S. (Main and Supply) Examination,
June-2017**

**ORTHODONTICS AND DENTOFACIAL
ORTHOPAEDICS**

Paper-I

**Applied Anatomy, Physiology, Pathology,
Genetics, Physical Anthropology and Dental
Material
(MDS-313)**

Time : Three Hours] [Maximum Marks : 75

Note : Attempt all questions. Draw diagrams where necessary.

1. Histology and Development of Cleft Lip and Cleft Palate. 25
2. Role of Thyroid and Parathyroid Hormone on development of human dentition. 25
3. Write short notes on : 5×5=25
 - (a) Growth Spurts
 - (b) Histology of bone
 - (c) Down's syndrome
 - (d) Cold Sterilization
 - (e) TMJ

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**M.D.S. (Main & Supply) Examination,
June-2017**

ORTHODONTICS

Paper-II

Diagnosis and Treatment Planning

(MDS-314)

Time : Three Hours]

[Maximum Marks : 75

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

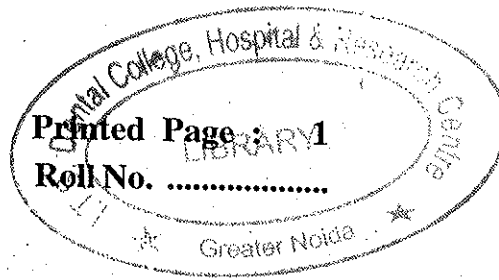
1. Critically analyse the treatment criteria and outcome of class II div. 1 malocclusion with twin block fixed functional and fixed orthodontic treatment mechanics. 25
2. Discuss growth of the face in operated and non-operated cases of cleft lip and palate. 25
3. Discuss
 - (a) Digital Models 8
 - (b) Various Maturation Indicators. 8
 - (c) Factors affecting ANB and WITS value. 9

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**M.D.S. (Main & Supply) Examination,
June-2017**

ORTHODONTICS

Paper-III

Clinical Orthodontics and Mechanotherapy

(MDS-315)

Time : Three Hours]

[Maximum Marks : 75

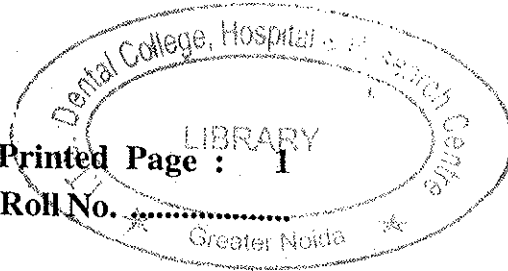
Note : Attempt all questions. Draw diagrams where necessary.

1. Discuss the clinical application of force systems.
25
2. Discuss the diagnosis and management of Transverse problems.
25
3. Write short notes on : 5×5=25
 - (a) Occlusal dysfunction
 - (b) Growth Prediction
 - (c) White Spot disease
 - (d) GTRV
 - (e) Loop mechanics

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**M.D.S. (Main & Supply) Examination,
June-2017**

ORTHODONTICS

Paper-IV

Essay

(MDS-316)

Time : Three Hours]

[Maximum Marks : 75

Note : Attempt any **one** question.

1. Write in detail about various methods of acceleration of orthodontic tooth movement during orthodontic treatment. 75

or

2. Describe impacted canine their etiology, various diagnostic methods of Localization and their various treatment mechanics.

or

3. Describe evolution of orthodontic archwires.

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