ITS Dental College, Hospital and Research Centre, Greater Noida
Department of Orthodontics and Dentofacial Orthopedics

Annual Assessment Examination, PG Batch 2014-17

Max Marks : 75

PAPER II

LONG NOTE: 25 X 2 =50

1. Define Growth. Enumerate various methods of growth prediction. Discuss in detail the Rickett's archival method of growth prediction.
2. Discuss the etiology of facial asymmetry. Enumerate the essential investigations, and the application of such diagnostic information in its treatment planning.

SHORT NOTE: 5 X 5 = 25

1. 3D models
2. Envelope of discrepancy
3. Pitch. Roll and Yaw
4. Theories of bite registration
5. Natural head position

I.T.S Dental College, Hospital & Research Centre, Greater Noida

First Internal Assessment Examination

1st year M.D.S (2015-18 Batch)

Subject: **Orthodontics and Dentofacial Orthopaedics. Maximum Marks: 75**

Note: Attempt all questions. Draw neat labelled diagrams where necessary
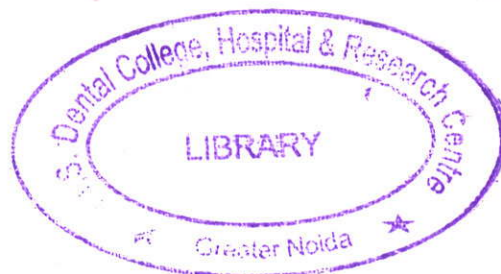
Paper-1

Long Notes:

1. Enumerate theories of growth and development. Discuss Functional Matrix Hypothesis in detail. **25**

2. Discuss development of TMJ and histology and development of condylar cartilage. **25**

Short Notes:

1. Implants as method of growth study. **5**

2. Stainless Steel. **5**

3. Thermal NiTi. **5**

4. Twin Studies **5**

5. Systematic Review vs Meta-Analysis **5**

I.T.S Dental College, Hospital & Research Centre, Greater Noida

FirstInternal Assessment Examination

1st year M.D.S (2015-18 Batch)

Subject:**Orthodontics and Dentofacial Orthopaedics.Maximum Marks: 75**

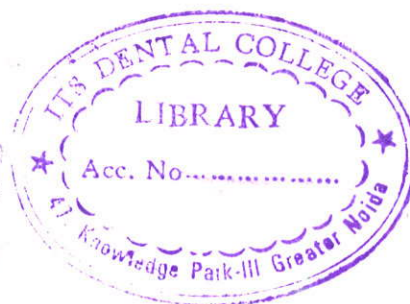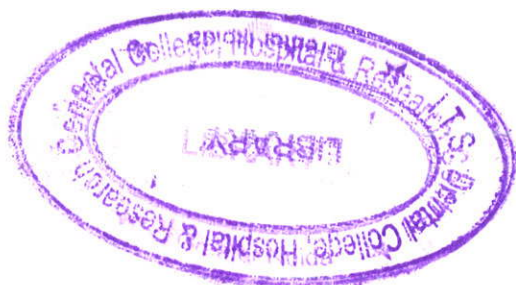Note:Attempt all questions.Draw neat labelled diagrams where necessary

Paper-2

Long Notes:

1. Discuss the role of 3D imaging in Orthodontics diagnosis and treatment planning.**25**

2.Discuss aetiology, diagnosis and management of Open Bite.**25**

Short Notes:

1.Smile evaluation in Orthodontic Diagnosis.   **5**

2.Steiner's Sticks.   **5**

3.Attritional occlusion.**5**

4. Mixed Dentition Model Analysis   **5**

5. Radiation Hazards   **5**

I.T.S Dental College, Hospital & Research Centre, Greater Noida

Internal Assessment Examination

3rd year M.D.S (2015-18 Batch)

Paper II

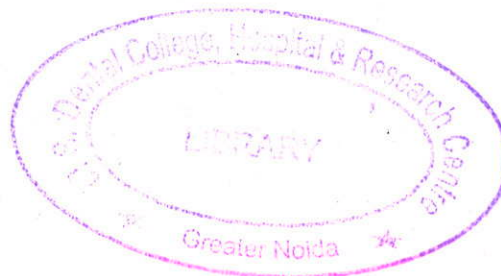Subject: **Orthodontics and Dentofacial Orthopaedics. Maximum Marks: 75**

Note: Attempt all questions. Draw neat labelled diagrams where necessary

Long Notes:

1. Discuss classification of diagnostic aids. Write in detail about the advanced diagnostic aids used in Orthodontics.

2. Discuss current status and importance of soft tissue.
25

25

Short Notes:

1. Limitation of ANB angle.

2. Speed appliance.
5

3. PASS Technique.
5

4. Brader arch form.
5

5. Tip edge appliance
5

5

I.T.S Dental College, Hospital & Research Centre, Greater Noida

Internal Assessment Examination

3rd year M.D.S (2015-18 Batch)

Subject: **Orthodontics and Dentofacial Orthopaedics. Maximum Marks: 75**

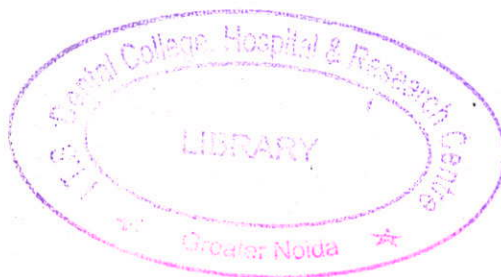Note: Attempt all questions. Draw neat labelled diagrams where necessary

PAPER- III

Long Notes:

1. Discuss friction and frictionless biomechanics for canine and incisor retraction. **25**

2. Describe various systems of classification of cleft lip and palate. Discuss management of a cleft case at different ages of cleft patient. **25**

Short Notes:

1. ABO model grading system. **5**

2. Evaluation of impacted canines. **5**

3. Root resorption in Orthodontics. **5**

4. GTRV. **5**

5. Distraction osteogenesis **5**

I.T.S Dental College, Hospital & Research Centre, Greater Noida

Internal Assessment Examination

3rd year M.D.S (2015-18 Batch)

Paper IV

Subject: **Orthodontics and Dentofacial Orthopaedics. Maximum Marks: 75**

Note: Attempt any one question. Draw neat labelled diagrams where necessary

Discuss self ligating systems. Write in detail about Damon system.

OR

Describe in detail about various methods of anchorage control in fixed orthodontics.

I.T.S Dental College, Hospital & Research Centre, Greater Noida

Internal Assessment Examination

2ⁿᵈ year M.D.S (2016-19 Batch)

Paper II

Subject: **Orthodontics and Dentofacial Orthopaedics.   Maximum Marks: 75**

Note: Attempt all questions. Draw neat labelled diagrams where necessary

Long Notes:

1. Give Simon's Classification of skeletal facial types and their simplification illustrate with diagnosis.

    25

2. Discuss the scope and limitation of early orthodontic treatment.   25

Short Notes:

1. Computerised growth forecasting.   5

2. Long face syndrome.   5

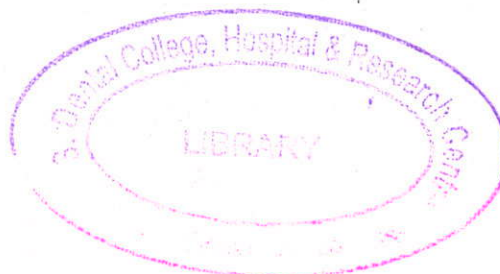3. SELF correcting malocclusions.   5

4. Golden proportion and gingival zenith.   5

5. Theories of bite registration   5

I.T.S Dental College, Hospital & Research Centre, Greater Noida

Internal Assessment Examination

2nd year M.D.S (2016-19 Batch)

Paper IV

Subject: **Orthodontics and Dentofacial Orthopaedics. Maximum Marks: 75**

Note: Attempt any one question. Draw neat labelled diagrams where necessary

Describe various wires used in fixed orthodontic treatment with special emphasis on their material and applications.

OR

Write an essay on Bonding in Orthodontics.

I.T.S Dental College, Hospital and Research Centre

Greater Noida

Sent up examination (MDS 2019- 2022 Batch)

Paper -- II
ORTHODONTICS

Total Marks - 100
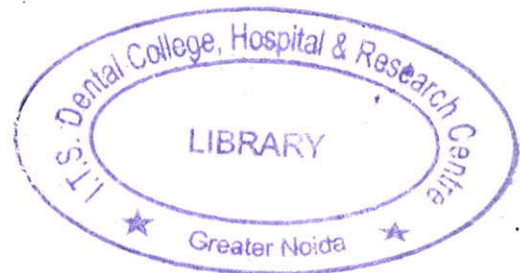
Long Notes: (25 X 2 = 50)

1. Discuss the importance of vertical dimension in diagnosis and treatment planning.
2. Role of advanced imaging techniques in contemporary orthodontics.

Short Notes: (5 X 10 = 50)

1. Model surgery
2. Pitch , Roll and Yaw
3. Growth rotations
4. Goslon Yardstick index
5. NiTi archwires

I.T.S Dental College, Hospital and Research Centre

Greater Noida

Sent up examination (MDS 2019- 2022 Batch)

Paper – III

ORTHODONTICS

Total Marks - 100

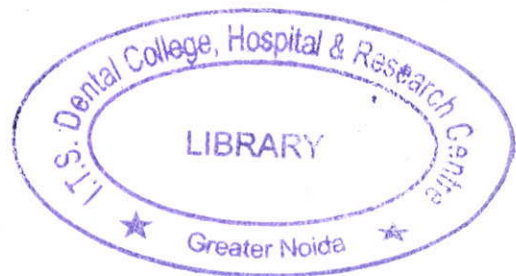**Long Notes:**   (25 X 2 = 50)

1. Evolution of self ligating brackets.
2. Discuss functional jaw orthopaedics and its role in treatment of developing mandibular prognathism.

Short Notes: (5 X 10 = 50)

1. Ni Ti palatal expander
2. Bonding to special surfaces
3. Determinate vs Indeterminate force systems
4. Moment to force ratio
5. Facial asymmetry

I.T.S Dental College, Hospital and Research Centre

Greater Noida

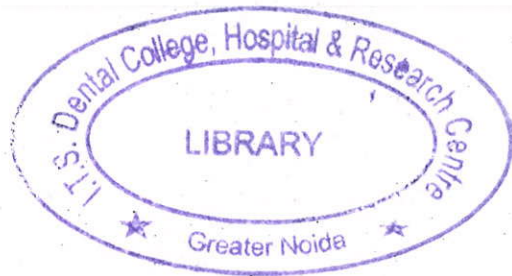## Sent up examination (MDS 2019- 2022 Batch)

Paper – IV- Essay
ORTHODONTICS

Total Marks - 100

Attempt any two:

(50 X 2 = 100)

1. Discuss the role of an Orthodontist in Orthognathic surgical management of a patient.
2. Technique dogma in Orthodontics?
3. Discuss management of medically compromised patients during orthodontic treatment.

ORTHODONTICS AND DENTOFACIAL ORTHOPEDICS

EXAM PAPER BATCH 2020-23

Paper I
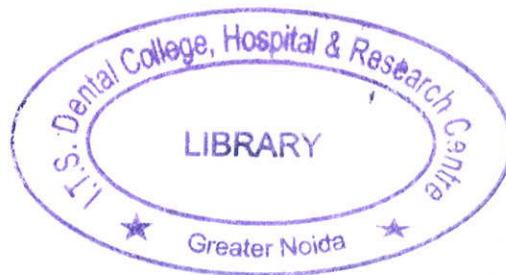
LONG NOTES   (25 X 2 = 50 MARKS)

1. Discuss soft tissue growth of the face as affected by the fourth dimension, and the clinical implications on diagnosis, treatment planning and post treatment stability.

2. Orthodontic treatment planning of periodontically compromised patients.

SHORT NOTES   (10 X 5 = 50 MARKS)

1. Nasoalveolar moulding

2. Evaluate the role of orthodontist in Dental ethics and jurisprudence.

3. Evidence based Orthodontics

4. Shortcomings of ANB angle

5. White spot lesions

ORTHODONTICS AND DENTOFACIAL ORTHOPEDICS

BASIC SCIENCES SENT UP EXAMINATION

BATCH 2021-24

LONG NOTES: (10 X 10 = 100 MARKS)

1. PAR index.

2. Homeobox genes.

3. Servosystem Theory

4. Prenatal and post natal development of maxilla.

5. Evidence based dentistry.

6. Speech defects

7. Esthetic archwires

8. Role of drugs in orthodontic tooth movement.

9. Legal aspects in orthodontics

10. Tests of significance