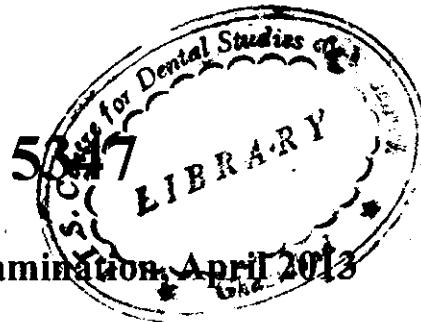


(20413)

Roll No.

MDS-III



M. D. S. Examination, April 2013

ORTHODONTICS & DENTOFACIAL ORTHOPAEDICS

Paper-I

Applied Anatomy, Physiology, Pathology, Genetics,

Physical Anthropology & Dental Materials

(MDS-013)

Time : Three Hours]

[Maximum Marks : 75

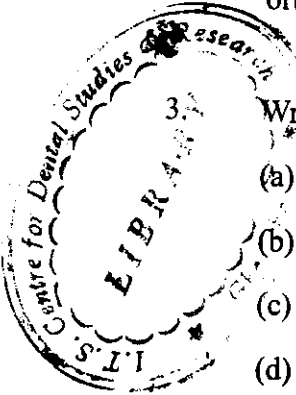
Note : Attempt all questions. Draw diagrams where necessary.

1. Describe the musculature of the tongue, its innervations, blood supply and its role in orthodontic treatment and relapse. 25

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(2)

2. CBCT and three-dimensional imaging of the craniofacial region is transforming clinical orthodontics, please discuss in detail. 25



Write short essays on the following :

5×5=25

- (a) Evolution of the condyle
- (b) Enamel etching
- (c) Neural tube defects
- (d) Natural head position
- (e) 2-phase impressions in precision orthodontics.

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M. D. S. Examination, April 2013

ORTHODONTICS

Paper-II

Diagnosis & Treatment Planning

(MDS-014)

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Time : Three Hours]

[Maximum Marks : 75

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

1. Discuss the principle of growth forecasting using cephalometric radiographs. Add updated information on its reliability and clinical utility.

25

(2)

2. Discuss various new technologies used for diagnosis in modern Orthodontics. 25

3. (a) Keys to eliminate lower incisor retention 8
(b) Smile arc 8
(c) TMJ imaging and its recent advances. 9

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5349



M. D. S. Examination, April 2013

ORTHODONTICS

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Third Paper TS Dental College Hospital & Research Centre
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Clinical Orthodontics and Mechanotherapy

(MDS-015)

Time : Three Hours]

[Maximum Marks : 75

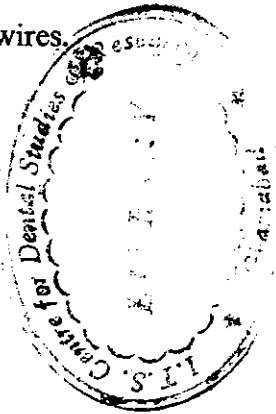
Note : Attempt *all* questions. Draw diagrams where necessary.

1. Discuss the changing trends in tip and torque from edgewise appliance to MBT appliance. 25
2. Write about incidence of impacted tooth and various techniques of deimpaction of maxillary canine. 25

(2)

3. Write short notes on the following : $5 \times 5 = 25$

- (a) Orthodontic treatment of endodontic treated teeth
- (b) Management of open bite
- (c) Delta force mechanics
- (d) Torquing axillaries in Begg's technique
- (e) Timolium wires.



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M. D. S. Examination, April 2013

ORTHODONTICS

Fourth Paper

Essay

(MDS-016)

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Time : Three Hours]

[Maximum Marks : 75

Note : Attempt any one question.

1. Discuss the management of over bite.

Or

2. Discuss the need and methods of maintaining torque in orthodontics.