

Serial No. 5051

Roll No. _____

MDS – FINAL YEAR EXAMINATION, JUNE/JULY 2016

Course: Orthodontics and Dentofacial Orthopedics

(Sub: Applied, Anatomy, Physiology, Pathology, Genetics, Physical Anthropology and Dental Materials)

Paper Code: 02010101

Time: 03 Hours

Max. Marks: 75

Instructions:

1. Write Roll No. on the Question Paper.
2. Before answering the question paper, candidates should ensure that question paper provided to them is correct. Complaints in this regards, if any, should be made to the Invigilator/Centre Supdt., in the Examination Hall within 15 minutes of the commencement of the examinations. No complaint in this regard will be entertained thereafter.
3. Attempt all questions. Parts of a question should be attempted in sequential order. Marks are indicated against each.
4. Draw the diagram wherever required.

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1. Discuss in detail the concept of "Functional Matrix" and how do you relate it to facial growth and development. (20)
 2. Discuss tissue reaction to orthodontic face. (20)
 3. Write notes on :- (5x7=35)
 - (a) Markers of root resorption in GCF.
 - (b) Role of curve of spee of Wilson in orthodontic leveling.
 - (c) Standard deviation and coefficient of variation.
 - (d) Randomized clinical trails.
 - (e) Speech and malocclusion.

Serial No: 5052

Roll No. _____

MDS – FINAL YEAR EXAMINATION, JUNE/JULY 2016

Course: Orthodontics and Dentofacial Oerhopedics

[Sub: Diagnosis and Treatment Planning; Paper Code: 02010102]

Time: 03 Hours

Max. Marks: 75

Instructions:

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1. Discuss in detail the role of environment in the etiology of malocclusion with emphasis on the equilibrium theory and functional influences on Dentofacial development. (20)
2. Describe the features of facial asymmetry & correlate them to growth and development. What are the imaging modalities usable for diagnosis & treatment planning? (20)
3. Write short notes on :- (5x7=35)
 - (a) Steps to systematically evaluate the facial and dental appearance of a patient presenting with malocclusion.
 - (b) Psychology of patient compliance in orthodontics.
 - (c) Indicators and methods of assessing growth.
 - (d) Pitch – Fork Analysis.
 - (e) Cephalometric methods of assessing the rectical dimension.

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MDS – FINAL YEAR EXAMINATION, JUNE/JULY 2016

Course: Orthodontics and Dentofacial Orthopedics

[Sub: Clinical Orthodontics and Mechanotherapy; Paper Code: 02010103]

Time: 03 Hours

Max. Marks: 75

Instructions:

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3. Attempt all questions. Parts of a question should be attempted in sequential order. Marks are indicated against each.
4. Draw the diagram wherever required.

Long Answer of the following questions [Q.1 & Q.2]

1. Discuss the advances in class II correction by Myofunctional Appliances. (20)
2. Discuss in detail about various methods used for intrusion of incisor in different techniques.(20)
3. Write short notes on :- (5x7=35)
 - (a) Occlusograms
 - (b) TIP Edge technique
 - (c) SPEED brackets
 - (d) Ballista spring
 - (e) Bonding bracket on ceramic crown

Serial No: 5054

Roll No. _____

MDS – FINAL YEAR EXAMINATION, JUNE/JULY 2016

Course: Orthodontics and Dentofacial Orthopedics

[Sub: Essay; Paper Code: 02010104]

Time: 03 Hours

Max. Marks: 75

Instructions:

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3. Attempt all questions. Parts of a question should be attempted in sequential order. Marks are indicated against each.
4. Draw the diagram wherever required.

Write essay on any one

(75)

1. Future of orthodontics keeping in view of nanotechnology.

Or

Limitations in adult orthodontic treatment.
