

Roll No. _____

**MDS (ORTHODONTICS AND DENTOFACIAL ORTHOPAEDICS)-FINAL YEAR
SUPPLEMENTARY EXAMS; AUGUST 2018**

**[SUB.:- APPLIED ANATOMY, PHYSIOLOGY, PATHOLOGY, GENETICS, PHYSICAL
ANTHROPOLOGY AND DENTAL MATERIALS; PAPER CODE: 02010101]**

Time: 03:00 Hrs.

Max. Marks: 75

Instructions:-

1. Write your Roll No. on the Question paper.
2. Before answering the question paper, candidate(s) should ensure that they have been provided correct question paper. Complaints in this regard, if any, should be made to the Invigilator/ Centre Supdt., in the Examination Hall within 15 minutes of the commencement of the exam. No complaint(s) 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 question.
4. Illustrate your answer with diagram wherever required.

Long Answer of the following questions (Q.No.1 & Q.No.2):-

- Q. 1** Alloys used in Orthodontics. **(20)**
- Q. 2** Molecular, cellular and tissue level reactions to Orthodontic force. **(20)**
- Q. 3** Write short notes on:- **(7x5=35)**
- a) Homeobox Genes.
 - b) Butler's Field theory.
 - c) Pain control in Orthodontics
 - d) Randomization.
 - e) Twin studies.
 - f) CVMI.
 - g) Irreversible Hydrocolloids

Roll No. _____

**MDS (ORTHODONTICS AND DENTOFACIAL ORTHOPAEDICS)-FINAL YEAR
SUPPLEMENTARY EXAMS; AUGUST 2018**

[SUB.- DIAGNOSIS AND TREATMENT PLANNING; PAPER CODE: 02010102]

Time: 03:00 Hrs.

Max. Marks: 75

Instructions:-

1. Write your Roll No. on the Question paper.
2. Before answering the question paper, candidate(s) should ensure that they have been provided correct question paper. Complaints in this regard, if any, should be made to the Invigilator/ Centre Supdt. in the Examination Hall within 15 minutes of the commencement of the exam. No complaint(s) 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 question.
4. Illustrate your answer with diagram wherever required.

Long Answer of the following questions (Q.No.1 & Q.No.2):-

- Q. 1** Discuss hard tissue vs soft tissue paradigm. Describe any one soft tissue cephalometric analysis in detail. **(20)**
- Q. 2** Discuss method of smile evaluation in orthodontics. **(20)**
- Q. 3** Write short notes on:- **(5x7=35)**
- a) IOFTN
 - b) GTRV ratio
 - c) Errors in cephalometrics
 - d) Correlation of TMD, malocclusion and orthodontic treatment
 - e) Stages of psychosocial development

Roll No. _____

**MDS (ORTHODONTICS AND DENTOFACIAL ORTHOPAEDICS)-FINAL YEAR
SUPPLEMENTARY EXAMS; AUGUST 2018
[SUB.:- CLINICAL ORTHODONTICS AND MECHANOTHERAPY]
PAPER CODE: 02010103]**

Time: 03:00 Hrs.

Max. Marks: 75

Instructions:-

1. Write your Roll No. on the Question paper.
2. Before answering the question paper, candidate(s) should ensure that they have been provided correct question paper. Complaints in this regard, if any, should be made to the Invigilator/ Centre Supdt., in the Examination Hall within 15 minutes of the commencement of the exam. No complaint(s) 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 question.
4. Illustrate your answer with diagram wherever required.

Long Answer of the following questions (Q.No.1 & Q.No.2):-

- Q. 1** Discuss the various types of Anchorage Philosophy in the fixed appliance therapy. **(20)**
- Q. 2** Compare the mechanism of bite opening achieved by the Begg's appliance & pre-adjusted edgewise appliance. **(20)**
- Q. 3** Write short notes on:- **(5x7=35)**
- a) Divine proportion
 - b) Distraction osteogenesis.
 - c) Nickel hypersensitivity & its clinical management.
 - d) Management of periodontally compromised patients.
 - e) Root paralleling mechanism in various techniques.

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**MDS (ORTHODONTICS AND DENTOFACIAL ORTHOPAEDICS)-FINAL YEAR
SUPPLEMENTARY EXAMS; AUGUST 2018
[SUB.:- ESSAY; PAPER CODE: 02010104]**

Time: 03:00 Hrs.

Max. Marks: 75

Instructions:-

1. Write your Roll No. on the Question paper.
2. Before answering the question paper, candidate(s) should ensure that they have been provided correct question paper. Complaints in this regard, if any, should be made to the Invigilator/ Centre Supdt. in the Examination Hall within 15 minutes of the commencement of the exam. No complaint(s) 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 question.
4. Illustrate your answer with diagram wherever required.

Write essay on any one:-

(75)

Q. 1 Diagnosis and management of obstructive sleep apnoea.

OR

Self-ligation in orthodontics.
