

MARAKGAD : APRIL / MAY 2010
SUBJECT : ORTHODONTICS

**PAPER – I : APPLIED ANATOMY, PHYSIOLOGY, PATHOLOGY, GENETICS &
DENTAL MATERIAL**

Day : **Thursday**
Date : **20-05-2010**

Time : **9:00 AM TO 12:00 NOON**
Max. Marks : 100

N.B.

- i) All questions are **compulsory**.
- 2) Draw neat diagram **wherever** necessary.

Long Essay on :

(20 x 2 = 40 marks)

- Q.1** Discuss the controlling factors for bone modeling and remodeling.
- Q.2** Write in detail about the soft tissue changes in the face during growth.

Write short essay on :

(10 x 6 = 60 marks)

- Q.3** Polygenic traits
- Q.4** Calcium metabolism
- Q.5** Homeobox genes
- Q.6** Annealing
- Q.7** Role of nutrition in development of face and occlusion
- Q.8** Deglutition

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PAPER – IV : AN ESSAY

Day : Wednesday
Date : 26-05-2010

Time : 9:00 AM TO 12:00 NOON.
Max. Marks : 100

N.B.

- 1) Draw neat diagram **wherever** necessary.

Q.1 Invisible Orthodontics.

OR

Q.1 Functional Appliances in contemporary orthodontics.

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PAPER – II : CHILD PSYCHOLOGY, DIAGNOSIS AND TREATMENT PLANNING

Day : *Saturday*
Date : *22-05-2010*

Time : *9:00 AM TO 12:00 NOON*
Max. Marks : 100

N.B.

- 1) All questions are **compulsory**.
- 2) Draw neat diagram **wherever** necessary.

Long Essay on :

(20 x 5 = 100 marks)

- Q.1 Discuss the patho-physiology of Obstructive Sleep Apnea.
- Q.2 Discuss the Behavioral modification techniques used for management of an uncooperative orthodontic patients.
- Q.3 Evaluation of smile.
- Q.4 Decompensation in sketelal malocclusions
- Q.5 Various methods of analysing transverse dysplasia.

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PAPER – III : CLINICAL ORTHODONTICS AND MECHANOTHERAPY

Day : Monday
Date : 24-05-2010

Time : 9:00AM TO 12:00NOON
Max. Marks : 100

N.B.

- 1) All questions are **compulsory**.
 - 2) Draw neat diagram **wherever** necessary.
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Long Essay on :

(20 x 5 = 100 marks)

- Q.1 Fixed functional appliances.
- Q.2 Maxillary Intrusion Splint.
- Q.3 Biomechanics of headgear therapy.
- Q.4 Various anchorage in PEA.
- Q.5 Theorems of Retention.

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