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MARAKGAD: **WINTER - 2014**

SUBJECT : ORTHODONTICS & DENTOFACIAL OTTHROPEDICS
PAPER - I: APPLIED ANATOMY, PHYSIOLOGY, PATHOLOGY, GENETICS
PHYSICAL ANTHROPOLOGY & DENTAL MATERIAL

Day : *Tuesday*
Date : *11-11-2014*

Time : *9.00 A.M. To 12.00 Noon*
Max. Marks : 75

N.B.:

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Draw neat diagrams **WHEREVER** necessary.

Long Essay Questions:

- Q.1 Anatomical limitations of orthodontic treatment. [20]
- Q.2 Discuss the emotional growth and development through infancy upto adulthood with reference to orthodontic treatment. [20]

Short Essay Questions:

- Q.3 Self etching primer. [07]
- Q.4 Esthetic wires. [07]
- Q.5 Physiology of speech. [07]
- Q.6 Randomized clinical trial. [07]
- Q.7 Saliva. [07]

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MARAKGAD: APRIL / MAY 2014
SUBJECT : ORTHODONTICS & DENTOFACIAL OTTHROPEDECS
PAPER - IV: ESSAY

Day : *Monday*
Date : *28.04-2014*

Time : *9:00AM TO 12:00NOON*
Max. Marks : 75

N.B.:

- 1) Answer ANY ONE.
 - 2) Figures to the right indicate FULL marks.
 - 3) Draw neat diagrams **WHEREVER** necessary.
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Q.1 Updates on biological foundations of tooth movement. [75]

OR

Q.2 '3-D Imaging in Orthodontics'. [75]

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MARAKGAD: APRIL / MAY 2014
SUBJECT : ORTHODONTICS & DENTOFACIAL OTHROPEDICS
PAPER - I: APPLIED ANATOMY, PHYSIOLOGY, PATHOLOGY, GENETICS
PHYSICAL ANTHROPOLOGY & DENTAL MATERIAL

Day : **Saturday**
Date : **19-04-2014**

Time : **9:00AM TO 12:00NOON**
Max. Marks : 75

N.B.:

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Draw neat diagrams **WHEREVER** necessary.

Long Essay Questions:

- Q.1** Discuss the effect of drugs on orthodontic tooth movement. [20]
- Q.2** Discuss Theories of growth and current methods in growth prediction and its importance in Orthodontics. [20]

Short Essay Questions:

- Q.3** Molecular basis of genetics. [07]
- Q.4** Evolution of human condyle. [07]
- Q.5** Mechanical properties of heat activated NiTi wires. [07]
- Q.6** Craniometry and anthropometry. [07]
- Q.7** Banding / Bonding Cements. [07]

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MARAKGAD: WINTER - 2014
SUBJECT : ORTHODONTICS & DENTOFACIAL OTTHROPEDICS
PAPER - II: DIAGNOSIS & TREATMENT PLANNING

Day : *Thursday*
Date : *13-11-2014*

Time : *9:00 A.M. To 12:00 Noon*
Max. Marks : 75

N.B.:

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Draw neat diagrams **WHEREVER** necessary.

Long Essay Questions:

- Q.1** How will you assess the antero-posterior apical base discrepancy? Formulate your own lateral cephalometric composite analysis for a preadolescent with Skeletal vertical dysplasia and justify. [20]
- Q.2** Discuss latest diagnostic aids in orthodontics. Describe in detail role of CBCT in orthodontics. [20]

Short Essay Questions:

- Q.3** Write the management of derangement of condyle-disc complex. [07]
- Q.4** Methods of predicting Facial growth changes. [07]
- Q.5** Macro and micro-esthetics. [07]
- Q.6** Write the factors affecting the response of early treatment. [07]
- Q.7** Occlusogram. [07]

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MARAKGAD: APRIL / MAY 2014
SUBJECT : ORTHODONTICS & DENTOFACIAL OTTHROPEDICS
PAPER - II: DIAGNOSIS & TREATMENT PLANNING

Day : Monday
Date : 21-04-2014

Time : 9:00AM TO 12:00NOON
Max. Marks : 75

N.B.:

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Draw neat diagrams **WHEREVER** necessary.

Long Essay Questions:

- Q.1** Discuss the etio-pathology of cleft lip and palate. Describe the various orthodontic procedures carried out in the management of CLCP. [20]
- Q.2** Discuss the management of a difficult child in the orthodontic clinic. [20]

Short Essay Questions:

- Q.3** Psychological state of an adult patient undergoing orthodontic treatment. [07]
- Q.4** Approach of orthodontic treatment for periodontally compromised adult patient. [07]
- Q.5** Steps in Orthodontic treatment planning. [07]
- Q.6** Role of Internet in orthodontics. [07]
- Q.7** STO. [07]

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MARAKGAD:

WINTER - 2014

SUBJECT : ORTHODONTICS & DENTOFACIAL OTTHROPEDICS
PAPER - III: CLINICAL ORTHODONTICS & MECHANOTHERAPY

Day : Saturday
Date : 15-11-2014

Time : 9.00 A.M. To 12.00 Noon
Max. Marks : 75

N.B.:

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Draw neat diagrams **WHEREVER** necessary.

Long Essay Questions:

- Q.1** A ten year old boy reports to Dept. of orthodontia with the chief complaint of proclined maxillary anterior teeth. Complete clinical evaluation and Cephalometric analysis reveals a skeletal class II malocclusion. Write the management of the same. [20]
- Q.2** Controversies of growth modification therapy in the treatment of class III malocclusion. [20]

Short Essay Questions:

- Q.3** Periodontal surgical retention procedures. [07]
- Q.4** KSIR Arch. [07]
- Q.5** Inter-disciplinary Treatment of Orthodontic Patient [07]
- Q.6** Sliding vs loop mechanics. [07]
- Q.7** Force vector analysis of class II elastics. [07]

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MARAKGAD: APRIL / MAY 2014
SUBJECT : ORTHODONTICS & DENTOFACIAL OTHROPEDICS
PAPER - III: CLINICAL ORTHODONTICS & MECHANOTHERAPY

Day : **Friday**
Date : **25-04-2014**

Time : **9:00AM-TO 12:00NOON.**
Max. Marks : 75

N.B.:

- 1) All questions are **COMPULSORY**.
- 2) Figures to the right indicate **FULL** marks.
- 3) Draw neat diagrams **WHEREVER** necessary.

Long Essay Questions:

- Q.1** Discuss the protocol of finishing and detailing procedure. **[20]**
- Q.2** Discuss various methods for correction of transverse discrepancies and appliances use for the same. **[20]**

Short Essay Questions:

- Q.3** Active retainers. **[07]**
- Q.4** Progressive Torque. **[07]**
- Q.5** Aligners. **[07]**
- Q.6** Management of scissors bite. **[07]**
- Q.7** In extraction cases closure of Excess space in mandibular arch. **[07]**

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MARAKGAD: **WINTER - 2014**
SUBJECT : ORTHODONTICS & DENTOFACIAL OTTHROPEDICS
PAPER - IV: ESSAY

Day : Monday
Date : 17-11-2014

Time : 9.00 A.M. To 12.00 Noon
Max. Marks : 75

N.B.:

- 1) Answer ANY ONE.
- 2) Figures to the right indicate FULL marks.
- 3) Draw neat diagrams WHEREVER necessary.

Q.1 Co-operation for Orthodontic Treatment. [75]

OR

Q.2 Torque Control. [75]

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