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BHOGAVATI : APRIL/ MAY 2008

**SUBJECT : BRANCH-V : ORTHODONTICS AND DENTOFACIAL ORTHOPAEDICS
PAPER-I - APPLIED ANATOMY, PHYSIOLOGY, PATHOLOGY, GENETICS AND
DENTAL MATERIAL**

Day : *Tuesday*
Date : *20-05-2008*

Time : *9:00 A.M. To 12:00 Noon*
Max. Marks : 100.

N.B.:

- 1) All questions are **COMPULSORY**.
- 2) Draw the neat diagrams **WHEREVER** necessary.

Long Essay on

(2 × 20 = 40 marks)

Q.1 Discuss the importance of proteins in the growth and development of craniofacial structures.

Q.2 Write the development of Palate and write its anomalies.

Write Short Essay on

(6 × 10 = 60 marks)

Q.3 Describe Tests of significance.

Q.4 Write various cements used in orthodontics.

Q.5 Discuss in brief the Servo-system theory of growth and development.

Q.6 What is Piltown skull?

Q.7 What are fontanelles? Add a note on their clinical importance.

Q.8 Describe genetically controlled malocclusion.

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BHOGAVATI: Oct-Nov-2008
SUBJECT : BRANCH-V : ORTHODONTICS AND DENTOFACIAL ORTHOPAEDICS
PAPER-IV - AN ESSAY

Day : Wednesday
Date : 26-11-2008

Time : 9.00 A.M. To 12.00 Noon.
Max. Marks : 100.

Write Essay on :

(1 × 100 = 100 marks)

- 1) Root resorption in orthodontics.

OR

- 2) Early orthodontic treatment.

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BHOGAVATI: Oct. Nov-2008

SUBJECT : BRANCH-V : ORTHODONTICS AND DENTOFACIAL ORTHOPAEDICS
PAPER-I - APPLIED ANATOMY, PHYSIOLOGY, PATHOLOGY, GENETICS AND
DENTAL MATERIAL

Day : Thursday
Date : 20-11-2008

Time : 9:00 A.M. To 12:00 Noon.
Max. Marks : 100.

N.B.:

- 1) All questions are **COMPULSORY**.
- 2) Draw the neat diagrams **WHEREVER** necessary.

Long Essay on

(2 × 20 = 40 marks)

Q.1 Write in detail prenatal and post natal development of mandible and its importance in orthodontics. Add a note on growth rotations?

Q.2 Theories of psychological development and its relevance in orthodontics.

Write Short Essay on

(6 × 10 = 60 marks)

Q.3 Describe and differentiate anthropometry and craniometry.

Q.4 Trace the evolution of human teeth.

Q.5 Discuss importance of thyroid hormone from orthodontic perspectives.

Q.6 Describe in short calcium metabolism.

Q.7 Write post-natal growth of lower face.

Q.8 Write the various methods of curing composite cements. Write on LED system.

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BHOGAVATI : APRIL/ MAY 2008
SUBJECT : BRANCH-V : ORTHODONTICS AND DENTOFACIAL ORTHOPAEDICS
PAPER-II - CHILD PSYCHOLOGY, DIAGNOSIS AND TREATMENT PLANNING

Day : *Thursday*
Date : *22.05.2008*

Time : *9.00 AM To 12.00 Noon*
Max. Marks : 100.

N.B.:

- 1) All questions are **COMPULSORY**.
- 2) Draw the neat diagrams **WHEREVER** necessary.

Long Essay on

(2 × 20 = 40 marks)

- Q.1** Discuss in detail about the classifications and etiologies of various malocclusions?
- Q.2** Practice management in orthodontics.

Write Short Essay on

(6 × 10 = 60 marks)

- Q.3** Discuss tooth size and its relevance to orthodontics.
- Q.4** Write notes on 3 D imaging of a face.
- Q.5** Write note on serial extractions.
- Q.6** Discuss Psychological aspects of thumb sucking habit.
- Q.7** Discuss any one mixed dentition model analysis.
- Q.8** How do you evaluate currently available orthodontic softwares?

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BHOGAVATI. Oct-Nov-2008
SUBJECT : BRANCH-V : ORTHODONTICS AND DENTOFACIAL ORTHOPAEDICS
PAPER-II - CHILD PSYCHOLOGY, DIAGNOSIS AND TREATMENT PLANNING

Day : Saturday
Date : 22-11-2008

Time : 9.00 A.M. To 12.00 Noon.
Max. Marks : 100.

N.B.:

- 1) All questions are **COMPULSORY**.
- 2) Draw the neat diagrams **WHEREVER** necessary.

Long Essay on

(2 × 20 = 40 marks)

- Q.1** Discuss the types of child behaviour and behaviour management techniques used in orthodontic clinics.
- Q.2** Describe the step-by-step procedure for diagnosis of TMD.

Write Short Essay on

(6 × 10 = 60 marks)

- Q.3** Write the functional analysis of Tongue.
- Q.4** Shortcomings of angle ANB.
- Q.5** Use of growth markers in orthodontic treatment planning.
- Q.6** IOTN and Dental Esthetic index.
- Q.7** Cephalometric analyses for predicting Class III malocclusion in a growing child.
- Q.8** Describe the various dental anomalies. Write their management during orthodontic treatment.

BHOGAVATI : APRIL/ MAY 2008
SUBJECT : BRANCH-V : ORTHODONTICS AND DENTOFACIAL ORTHOPAEDICS
PAPER-III - CLINICAL ORTHODONTICS AND MECHANOTHERAPY

Day : *Saturday*
Date : *24-05-2008*

Time : *9.00 A.M. To 12.00 Noon.*
Max. Marks : 100.

N.B.:

- 1) All questions are **COMPULSORY**.
- 2) Draw the neat diagrams **WHEREVER** necessary.

Long Essay on

(2 × 20 = 40 marks)

- Q.1** Classify the various fixed functional appliances. Describe in detail about the forsus. Add a note on the biomechanical advantages of it.
- Q.2** Describe various techniques to intrude upper incisors in class II division 2 cases.

Write Short Essay on

(6 × 10 = 60 marks)

- Q.3** What is Orthocad bracket placement system?
- Q.4** Write note on Adult orthodontics.
- Q.5** Describe step-by-step indirect bonding technique.
- Q.6** Methods of closure of extraction spaces.
- Q.7** Relapse following surgical orthodontic cases.
- Q.8** Correction of Tongue thrusting habit.

BHOGAVATI : Oct-Nov-2008

**SUBJECT : BRANCH-V : ORTHODONTICS AND DENTOFACIAL ORTHOPAEDICS
PAPER-III - CLINICAL ORTHODONTICS AND MECHANOTHERAPY**

Day : Monday
Date : 24-11-2008

Time : 9.00 A.m To 12.00 Noon.
Max. Marks : 100.

N.B.:

- 1) All questions are **COMPULSORY**.
- 2) Draw the neat diagrams **WHEREVER** necessary.

Long Essay on

(2 × 20 = 40 marks)

Q.1 Describe the various treatment options for vertically deficiency cases.

Q.2 Discuss the role of functional appliances, in the Indian context.

Write Short Essay on

(6 × 10 = 60 marks)

Q.3 How would you close extraction spaces in lower arch?

Q.4 Describe the impacts of self liagation brackets in orthodontic profession.

Q.5 What factors and appliance would you consider for up-righting measilly tipped lower second molar in a case of missing first permanent molar on that side.

Q.6 Discuss evolution of light force concept in pre-adjusted edgewise appliance.

Q.7 Write the management of impacted canine.

Q.8 Write the problem occuring in finishing stage of PEA.

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BHOGAVATI : APRIL/ MAY 2008
SUBJECT : BRANCH-V : ORTHODONTICS AND DENTOFACIAL ORTHOPAEDICS
PAPER-IV - AN ESSAY

Day : Monday
Date : 26-05-2008

Time : 9.00 A.M. To 12.00 Noon.
Max. Marks : 100.

Write Essay on :

(1 × 100 = 100 marks)

- 1) Surgical orthodontics - who does what? When and how?

OR

- 2) Orthodontists as Chief Executive Officer (CEO).

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