

BHOAVATI : *December-2007*
SUBJECT : BRANCH-V : ORTHODONTICS AND DENTO-FACIAL
ORTHOPAEDIACS
APPLIED ANATOMY, PHYSIOLOGY, PATHOLOGY, GENETIC AND DENTAL
MATERIALS
PAPER-I

Day : *Monday*
Date : *03-12-2007*

Time : 9.30 AM TO 12.30 PM
Max. Marks : 100.

N.B. :

- 1) All questions are **COMPULSORY**.
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Long Essay questions

(2 × 20 marks)

- 1) Discuss the evolution, growth and development of the temporomandibular joint. Highlight its importance in clinical orthodontics.
- 2) Discuss the developmental anomalies occurring due to first pharyngeal arch defect.

Short Essay questions

(6 × 10 marks)

- 3) Stem cell research and its relevance to orthodontics.
- 4) Growth rotations of Jaws.
- 5) Twin studies.
- 6) Facial indices in an assessment of archform.
- 7) Prostaglandins.
- 8) Postnatal growth of nose.

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BHOGAVATI : December-2007
SUBJECT : BRANCH-V : ORTHODONTICS AND DENTO-FACIAL
ORTHOPAEDIACS
DIAGNOSIS AND TREATMENT PLANNING
PAPER-II

Day : *Tuesday*
Date : *04-12-2007*

Time : 9.30 AM TO 12.30 PM
Max. Marks : 100.

N.B. :

- 1) All questions are **COMPULSORY**.
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Long Essay questions

(2 × 20 marks)

- 1) A 10 year old girl with vertical growth pattern and deficient mandible reports to you for treatment of convex profile and gummy smile. Write the cephalometric analysis that you will use for the analysis of the problem and also write a step-by-step approach for the management of her problem.
- 2) Discuss "Malocclusion as a psychological problem."

Short Essay questions

(6 × 10 marks)

- 3) Abnormal deglutition.
- 4) Trimming of orthodontic study models.
- 5) Genetic basis for class 3 malocclusion.
- 6) Imaging in orthodontics.
- 7) Assessment of the psychological status of an Orthodontic patient.
- 8) Etiology of unilateral and bilateral ankylosis of TMJ.

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SUBJECT : BRANCH-V : ORTHODONTICS AND DENTO-FACIAL
ORTHOPAEDIACS
MECHANOTHERAPY
PAPER-III

Day : *Wednesday*
Date : *05-12-2007*

Time : 9.30 AM TO 12.30 PM
Max. Marks : 100.

N.B. :

- 1) All questions are **COMPULSORY**.
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Long Essay questions

(2 × 20 marks)

- 1) Describe the origin and evolution of distraction osteogenesis. Classify distraction devices. Describe the distraction devices used for mandibular distraction.
- 2) Discuss the segmental technique in contemporary clinical practice.

Short Essay questions

(6 × 10 marks)

- 3) Clinical adjuncts in bite opening.
- 4) Critical overview of functional appliances in the light of recent research.
- 5) Distal Jet appliance.
- 6) Newer wires in orthodontics.
- 7) Headgears in Orthodontic.
- 8) Deepening of bite during treatment in PEA.

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SUBJECT : BRANCH-V : ORTHODONTICS AND DENTO-FACIAL
ORTHOPAEDIACS
AN ESSAY
PAPER-IV

Day : *Thursday*
Date : *06-12-2007*

Time : 9.30 AM TO 12.30 PM
Max. Marks : 100.

N.B. :

- 1) All questions are **COMPULSORY**.
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Write an essay :

(1 × 100 marks)

- 1) Extraction - Nonextraction Controversy.

OR

- 2) Facial Orthopedics - its validity.

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