

**BHOGAVATI : APRIL/ MAY 2008**  
**SUBJECT : BRANCH-I : APPLIED ANATOMY, PHYSIOLOGY, PATHOLOGY AND**  
**DENTAL MATERIALS**  
**PAPER-I**

Day : Tuesday  
Date : 20.5.2008

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

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**N.B. :**

- 1) Answer all the questions.
  - 2) Figures to the **RIGHT** indicate full marks.
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**Long Essay questions :**

**(2 × 20 = 40 marks)**

- 1) Discuss in detail role of saliva in complete denture patient, and factors affecting its quantity and quality.
- 2) Discuss the anatomic and histologic variations in the hard palate and its significance in complete dentures.

**Short Essay questions :**

**(6 × 10 = 60 marks)**

- 3) Describe and mention functions of Ligaments of TMJ.
- 4) Discuss the neuromuscular mechanisms of edentulous patient.
- 5) Sequelae of ill fitting dentures.
- 6) Explain the properties of luting cements used in fixed prosthodontics.
- 7) Discuss alloys used in removable partial dentures.
- 8) Write a note on evolution of ceramics.

**BHOGAVATI : Oct/NOV-2008**  
**SUBJECT : BRANCH-I : APPLIED ANATOMY, PHYSIOLOGY, PATHOLOGY AND**  
**DENTAL MATERIALS**  
**PAPER-I**

Day : Thursday  
Date : 20-11-2008

Time : 9:00 A.M TO 12:00 NOON.  
Max. Marks : 100.

**N.B. :**

- 1) Answer all the questions.
- 2) Figures to the **RIGHT** indicate full marks.

**Long Essay questions :**

**(2 × 20 = 40 marks)**

- 1) Describe the oral manifestations of systemic diseases which can have bearing on prosthodontic treatment.
- 2) Explain the anatomy and physiology of salivary glands and add a note on the influence of salivary secretion on the prognosis of complete denture treatment.

**Short Essay questions :**

**(6 × 10 = 60 marks)**

- 3) Describe in brief development of mandible.
- 4) Discuss the role played by muscles of mastication.
- 5) Discuss the causes and management of oral fungal infection.
- 6) Critically evaluate the ideal requirements of impression materials.
- 7) Discuss in brief the materials used in fabrication of provisional restorations.
- 8) Mention with reasons various casting defects.

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**BHOGAVATI : APRIL/ MAY 2008**  
**SUBJECT : BRANCH-VI : ORAL PATHOLOGY, MICROBIOLOGY AND**  
**FORENSIC ODONTOLOGY**  
**PAPER-I : APPLIED ANATOMY, PHYSIOLOGY, PATHOLOGY AND**  
**RESEARCH METHODOLOGY**

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

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

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**N.B.:**

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

**(2 × 20 marks)**

- 1) Discuss in detail the Muscles of Mastication.
- 2) Define Inflammation and discuss in detail the chemical mediators involved in inflammation.

**Short Essay Questions**

**(6 × 10 marks)**

- 3) Development of Mandible.
- 4) Infantile Swallowing.
- 5) Culture Media.
- 6) Analgesics.
- 7) Student 't' test.
- 8) Regulation of Calcium metabolism.

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**BHOGAVATI : APRIL/ MAY 2008**  
**SUBJECT : BRANCH-I : REMOVABLE PROTHODONTICS AND MAXILLOFACIAL**  
**PROSTHODONTICS**  
**PAPER-II**

Day : *Thursday*  
Date : *22-05-2008*

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

**N.B. :**

- 1) Answer all the questions.
- 2) Figures to the **RIGHT** indicate full marks.

**Long Essay questions :**

**(2 × 20 = 40 marks)**

- 1) Discuss in detail the principles involved in overdentures and outline the procedure for selection and restoration of abutments.
- 2) Discuss the stresses induced by removable partial denture and measures taken for their control.

**Short Essay questions :**

**(6 × 10 = 60 marks)**

- 3) Explain multi-disciplinary approach in maxillo-facial rehabilitation.
- 4) Discuss the measures taken to improve retention and stability of maxillofacial prosthesis.
- 5) Write about the use of esthetics and phonetics in complete denture patient.
- 6) Write a note on single complete denture.
- 7) How to develop a functional occlusion for distal extension partial denture?
- 8) Discuss the factors influencing the effectiveness of indirect retainers.

**BHOGAVATI : 001/NOV-2008**  
**SUBJECT : BRANCH-I : REMOVABLE PROTHODONTICS AND MAXILLOFACIAL**  
**PROSTHODONTICS**  
**PAPER-II**

Day : *Saturday*  
Date : *22-11-2008*

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

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**N.B. :**

- 1) Answer all the questions.
  - 2) Figures to the **RIGHT** indicate full marks.
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**Long Essay questions :**

**(2 × 20 = 40 marks)**

- 1) Describe the methods and procedure of determining the rest vertical relation in edentulous and partially edentulous patients.
- 2) How will you design distal extension partial dentures to minimize transmission of stresses to the abutment teeth.

**Short Essay questions :**

**(6 × 10 = 60 marks)**

- 3) Write a note on staining and characterization of maxillo-facial prosthesis.
- 4) Describe the prosthetic management of a case with hemi-mandibulectomy.
- 5) Discuss the concepts of impressions in complete denture prosthodontics.
- 6) What is the importance of patient education in removable prosthodontics.
- 7) Discuss the mechanics of clasp retention in partial dentures.
- 8) Discuss the rationale of 'Mouth Preparation' in prosthodontics.

**BHOGAVATI : APRIL/ MAY 2008**  
**SUBJECT : BRANCH-VI : ORAL PATHOLOGY, MICROBIOLOGY AND**  
**FORENSIC ODONTOLOGY**  
**PAPER-II : ORAL PATHOLOGY, MICROBIOLOGY AND ONCOLOGY**

Day : *Thursday*  
Date : *22.05.2008*

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

**N.B.:**

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

**Long Essay Questions**

**(2 × 20 marks)**

- 1) Discuss the molecular pathogenesis of odontogenic tumors.
- 2) Discuss acquisition of oral microbial flora, its nature and distribution.

**Short Essay Questions**

**(6 × 10 marks)**

- 3) Nevi.
- 4) Infectious Mononucleosis.
- 5) Radiation hazards.
- 6) Recent concepts in Ameloblastoma.
- 7) Lupus Erythematosus.
- 8) Hodgkins Lymphoma.

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**BHOGAVATI : APRIL/ MAY 2008**  
**SUBJECT : BRANCH-VI : ORAL PATHOLOGY, MICROBIOLOGY AND**  
**FORENSIC ODONTOLOGY**  
**PAPER-III : LABORATORY TECHNIQUES AND DIAGNOSIS**

Day : *Saturday*  
Date : *24.05.2008*

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

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**N.B.:**

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

**(2 × 20 marks)**

- 1) Discuss Microscopy. Add a note on fluorescence microscopy.
- 2) Discuss methods to Study Nuclear DNA.

**Short Essay Questions**

**(6 × 10 marks)**

- 3) Laboratory Investigations for HIV infection.
- 4) Laboratory Investigations for Anemia.
- 5) Role of Saliva as a diagnostic tool.
- 6) Sterilization.
- 7) Epithelial tumour markers.
- 8) Special stains.

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**BHOGAVATI : APRIL/ MAY 2008**  
**SUBJECT : BRANCH-I : FIXED PROSTHODONTICS AND IMPLANTOLOGY**  
**PAPER-III**

Day : *Saturday*  
Date : *24.5.2008*

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

**N.B. :**

- 1) Answer all the questions.
- 2) Figures to the **RIGHT** indicate full marks.

**Long Essay questions :**

**(2 × 20 = 40 marks)**

- 1) Describe the influence of the periodontal status of abutment teeth on the prognosis of fixed partial dentures.
- 2) What precautions are necessary in restoring endodontically treated teeth.

**Short Essay questions :**

**(6 × 10 = 60 marks)**

- 3) Discuss the mechanical principles of tooth preparation.
- 4) Enumerate advantages, disadvantages and limitations of various die systems.
- 5) Mention the methods and importance of tissue management in fixed prosthodontics.
- 6) Discuss the various concepts of occlusion in fixed Prosthodontics.
- 7) Compare and contrast progressive and immediate loading of implants.
- 8) Write a note peri-implitis.

**BHOGAVATI: Oct/NOV. 2008**  
**SUBJECT : BRANCH-I : FIXED PROSTHODONTICS AND IMPLANTOLOGY**  
**PAPER-III**

Day : Monday  
Date : 24-11-2008

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

**N.B. :**

- 1) Answer all the questions.
- 2) Figures to the **RIGHT** indicate full marks.

**Long Essay questions :**

**(2 × 20 = 40 marks)**

- 1) Discuss the concepts of restoration in full mouth rehabilitation case.
- 2) Critically evaluate various methods of gingival retraction.

**Short Essay questions :**

**(6 × 10 = 60 marks)**

- 3) Discuss viability of using endodontically treated teeth as abutments.
- 4) What do you understand by "Implant Protective Occlusion"?
- 5) Write a note on osseointegration.
- 6) How provisional are the requirements of provisional restorations?
- 7) Write about the types and design considerations of connectors in fixed prosthodontics.
- 8) Write a note on high speed rotary instruments.

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**BHOGAVATI : APRIL/ MAY 2008**  
**SUBJECT : BRANCH-VI : ORAL PATHOLOGY, MICROBIOLOGY AND**  
**FORENSIC ODONTOLOGY**  
**PAPER-IV : AN ESSAY**

Day : Monday  
Date : 26-05-2008

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

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Write an essay on (Any One)

(1 × 100 marks)

- 1) Pathophysiology of Keratinisation.

**OR**

- 2) Carcinogenesis.

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**BHOGAVATI : APRIL/ MAY 2008**  
**SUBJECT : BRANCH-I : AN ESSAY**  
**PAPER-IV**

Day : Monday  
Date : 26-5-2008

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

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1) Concepts of occlusion in Prosthodontics.

**OR**

2) Ceramics.

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**BHOGAVATI : OCT/NOV-2008**  
**SUBJECT : BRANCH-I : AN ESSAY**  
**PAPER-IV**

Day : Wednesday  
Date : 26-11-2008

Time : 9:00 A.M. TO 12:00 NOON.  
Max. Marks : 100.

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1) RRR and management of a case with severe ridge resorption.

**OR**

2) Fixed Prosthodontics Vs. Implant Prosthodontics for single tooth replacements.

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