

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

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**.
  - 2) Draw diagrams **WHEREVER** necessary.
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**Long Essay Questions**

**(2 × 20 marks)**

- Q.1** Describe the composition and functions of saliva and its role in the causation of dental caries.
- Q.2** Discuss in detail the recent developments in dentin bonding agents.

**Short Essay Questions**

**(6 × 10 marks)**

- Q.3** Calcium and phosphorous metabolism.
- Q.4** Anatomy and functions of the muscles of mastication.
- Q.5** Describe the recent advances in Silver Amalgam.
- Q.6** Write in detail on investment materials.
- Q.7** Briefly discuss the theories of eruption of teeth.
- Q.8** Write in detail about the composition of composite restorative materials.

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**ESSAY**  
**PAPER-IV**

Day : Monday  
Date : 26-05-2008

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

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**N.B.:**

- 1) Draw diagrams **WHEREVER** necessary.
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**Write an essay on**

**(1 × 100 marks)**

- 1) Write in detail about the etiology, diagnosis and treatment modalities for the management of Hypersensitive Dentin.

**OR**

- 2) Write in detail on Surgical Endodontics.

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**SUBJECT : BRANCH-IV : CONSERVATIVE DENTISTRY AND ENDODONTICS**  
**CONSERVATIVE DENTISTRY AND CARIOLOGY**  
**PAPER-II**

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**.
- 2) Draw diagrams **WHEREVER** necessary.

**Long Essay Questions**

**(2 × 20 marks)**

**Q.1** Discuss the evolution of rotary cutting instruments used in restorative dentistry.

**Q.2** Discuss the histopathology of caries in enamel and dentin.

**Short Essay Questions**

**(6 × 10 marks)**

**Q.3** Write in detail about contact points and contours in operative dentistry.

**Q.4** Describe the causes, incidence and management of abfraction.

**Q.5** The significance of lasers in operative dentistry.

**Q.6** High copper Amalgam.

**Q.7** Biocompatibility of Glass Ionomer cement.

**Q.8** CAD-CAM restorations.

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**BHOGAVATI : APRIL/ MAY 2008**  
**SUBJECT : BRANCH-IV : CONSERVATIVE DENTISTRY AND ENDODONTICS**  
**ENDODONTICS**  
**PAPER-III**

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**.
  - 2) Draw diagrams **WHEREVER** necessary.
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**Long Essay Questions**

**(2 × 20 marks)**

- Q.1** Write in detail about Endo-Perio lesions and management.
- Q.2** Describe Endodontic emergencies and their management.

**Short Essay Questions**

**(6 × 10 marks)**

- Q.3** Use of microscopes in Endodontics.
- Q.4** Describe various obturating techniques in Endodontics.
- Q.5** Discuss the benefits of Mineral Trioxide Aggregate.
- Q.6** Discuss Resilon as an Endodontic restorative material.
- Q.7** Describe the various root canal irrigants and intra canal medicaments.
- Q.8** Case selection and treatment planning in Endodontics.