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**BHUSHANGAD : SUMMER - 2015**  
**SUBJECT: PAPER-I: APPLIED ANATOMY, PHYSIOLOGY, PATHOLOGY AND**  
**DENTAL MATERIALS**

Day: **Monday**  
Date: **20-04-2015**

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

**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** Describe in detail the structure of the human dental pulp and its response to different restorative procedures. (20)
- Q.2** Discuss the composition, functions and clinical significance of saliva. (20)

**Short Essay Questions:**

- Q.3** Describe the structure of the root apex and its significance. (07)
- Q.4** Antibiotics in Endodontics. (07)
- Q.5** Viral infections of the oral cavity. (07)
- Q.6** Write in detail about mercury hygiene in the dental operator. (07)
- Q.7** Discuss the types, etiology and clinical features of enamel hypoplasia. (07)

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**BHUSHANGAD : SUMMER – 2015**  
**SUBJECT: PAPER IV: ESSAY**

Day: **Monday**  
Date: **27-04-2015**

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

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**N.B.:**

- 1) Figures to the right indicate **FULL** marks.
  - 2) Draw neat diagrams **WHEREVER** necessary.
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**Q.1** Endo – perio lesions and their treatment. **(75)**

**OR**

**Q.2** Discuss adhesion of dental restorative materials. **(75)**

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**BHUSHANGAD : SUMMER – 2015**  
**SUBJECT: PAPER- II: CONSERVATIVE DENTISTRY AND**  
**AESTHETIC DENTISTRY**

Day: *Wednesday*  
Date: *29.04.2015*

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 Describe the Minimally invasive concepts in conservative dentistry. (20)
- Q.2 Discuss composite resins as posterior restorative materials. (20)

**Short Essay Questions:**

- Q.3 Describe the forces acting on a class II cast restoration. (07)
- Q.4 Discuss shade selection in aesthetic restorative procedures. (07)
- Q.5 Management of gingival tissues for restorative procedures. (07)
- Q.6 Secondary retention for amalgam restorations. (07)
- Q.7 Veneers in conservative dentistry. (07)

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**BHUSHANGAD : SUMMER – 2015**  
**SUBJECT: PAPER III: ENDODONTICS**

Day: **Friday**  
Date: **24.04.2015**

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

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**N.B.:**

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

- Q.1** Detail the protocol and procedures for single appointment endodontic therapy. (20)
- Q.2** Endodontic failures. Discuss in detail. (20)

**Short Essay Questions:**

- Q.3** Microscopes in endodontics. (07)
- Q.4** Briefly discuss recent advances in endodontic instruments for bio-mechanical preparation. (07)
- Q.5** "All endodontically treated teeth should have full coverage". Discuss. (07)
- Q.6** Regenerative Endodontics. (07)
- Q.7** Explain the role of calcium hydroxide in endodontics. (07)

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