

February 2012

[LA 706]

Sub. Code: 4173

**SECOND B.D.S. DEGREE EXAMINATION****PAPER III****DENTAL MATERIALS***Q.P.Code: 544173***Time: Three hours****Maximum: 70 Marks**

**Answer ALL questions in the same order**  
**Draw Suitable diagrams wherever necessary**

**I. Elaborate on: (2×10=20)**

1. Describe about various dental alloys, its composition, uses, advantages and disadvantages.
2. Discuss in detail about denture base resin its technical consideration and processing procedures.

**II. Write notes on: (10×5=50)**

1. Resin modified glass Ionomer cement.
2. Write about various Luting agents.
3. Pulpal Protection agents.
4. Dental Implants.
5. Dentirfices.
6. Tissue conditioners.
7. Methods of strengthening ceramics.
8. Write short notes on polyvinyl siloxane.
9. Enamel and dentin bonding agents.
10. Cleaning of the dental casting.

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