

[LB 706]

AUGUST 2012

Sub. Code: 4173

SECOND YEAR B.D.S. DEGREE EXAM

PAPER III – DENTAL MATERIALS

Q.P.Code: 544173

Time: 180 Minutes

Maximum: 100 Marks

Answer ALL questions in the same order

I. Elaborate on:

**Pages Time Marks
(Max.)(Max.)(Max.)**

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|---|----|----|----|
| 1. Gypsum bonded investment material. | 19 | 30 | 20 |
| 2. Composition of ceramic and the Methods of Strengthening Ceramic. | 19 | 30 | 20 |

II. Write notes on:

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|--|---|----|---|
| 1. Metamerism and Fluorescence. | 3 | 10 | 5 |
| 2. Heat sources in soldering and welding. | 3 | 10 | 5 |
| 3. Base plate wax. | 3 | 10 | 5 |
| 4. Strength of Amalgam. | 3 | 10 | 5 |
| 5. Pulp Capping agent. | 3 | 10 | 5 |
| 6. Gold foil. | 3 | 10 | 5 |
| 7. Hybrid Composite. | 3 | 10 | 5 |
| 8. Tissue Conditioners. | 3 | 10 | 5 |
| 9. 18/8 Stainless Steel alloy. | 3 | 10 | 5 |
| 10. Impression Techniques with Elastomeric Impression Materials. | 3 | 10 | 5 |
| 11. Dentifrices. | 3 | 10 | 5 |
| 12. Porosity in acrylic resin. | 3 | 10 | 5 |
