



# Rajiv Gandhi University of Health Sciences, Karnataka

## II B.D.S Degree Examination - DECEMBER 2015

Time: Three Hours

Max. Marks: 70 Marks

### DENTAL MATERIALS (RS3)

**Q.P. CODE: 1185**

Your answers should be specific to the questions asked  
Draw neat, labeled diagrams wherever necessary

#### LONG ESSAYS

**2 x 10 = 20 Marks**

1. Classify Dental Amalgam Alloys and describe the steps in manipulation of High Copper Amalgam Alloys.
2. Describe in detail about Abrasive and Polishing agents.

#### SHORT ESSAYS

**8 x 5 = 40 Marks**

3. Distortion and remedies of Inlay waxes
4. Adverse effects of Dental materials
5. Metal Ceramic Bonding
6. Types of Glass ionomer cements
7. Eutectic and Peritectic Alloys
8. Components of Composite Resin
9. Firing procedure in Dental Ceramics
10. Explain different types of denture base resins in brief

#### SHORT ANSWERS

**5 x 2 = 10 Marks**

11. Eames technique
12. Elastic limit
13. Super-cooled Liquids
14. Spherulites
15. Die Spacer

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