



# Rajiv Gandhi University of Health Sciences, Karnataka

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

Time: Three Hours

Max. Marks: 100 Marks

### DENTAL MATERIALS (RS & RS2)

**Q.P. CODE: 1154**

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

#### LONG ESSAYS

**2 x 10 = 20 Marks**

1. Discuss in detail the different types of Denture Base Resins.
2. What are finishing and polishing materials? Classify and explain in detail about Dentifrices.

#### SHORT ESSAYS

**10 x 5 = 50 Marks**

3. Dual cure composites
4. EBA modified cement
5. Color and its applications in dentistry
6. Micro-leakage
7. Corrosion
8. Recent Dental Ceramics
9. Trituration of Amalgam
10. Tissue conditioners
11. Back pressure porosity
12. Electroformed dies

#### SHORT ANSWERS

**10 x 3 = 30 Marks**

13. Stress and strain
14. Work hardening
15. Dustless Alginate
16. Bite registration pastes
17. Conditioning unit for Agar
18. Hybrid composites
19. Malleability and Ductility
20. Cavity liners
21. Eames technique
22. Thermal expansion

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