



# Rajiv Gandhi University of Health Sciences, Karnataka

**B.D.S Degree Examination –18-Dec-2019****I Year (OS, RS & RS2 Only)****II Year (RS3 Only)****Time: Three Hours****Max. Marks: 70 Marks****DENTAL MATERIALS****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 the impression materials. Describe the composition and properties of Addition silicone.
2. Define and classify composite resins. Describe in detail the manipulation and curing methods of restorative composite resins.

**SHORT ESSAYS****8 x 5 = 40 Marks**

3. Tests for biocompatibility.
4. Delayed expansion of Amalgam.
5. Luting cements.
6. Porosities in casting.
7. Type III Gypsum Products.
8. Soldering and Welding.
9. Classification of Dental Ceramics.
10. Composition and uses of Inlay Wax.

**SHORT ANSWERS****5 x 2 = 10 Marks**

11. 18/8 stainless steel.
12. Dual-cure resins.
13. Malleability.
14. Eutectic alloys.
15. Cavity varnish.

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