



# Rajiv Gandhi University of Health Sciences, Karnataka

**B.D.S Degree Examination –26-Nov-2020****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 elastomeric impression materials. Write in detail about the composition, setting reaction, properties and uses of poly vinyl silicones.
2. Classify dental cements. Mention the composition, setting reaction, properties and uses of glass ionomer cements.

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

3. Casting porosities.
4. Trituration in amalgam.
5. Alginate impression material.
6. Tarnish and Corrosion.
7. Abrasives and polishing agents.
8. Micro filled composites.
9. Setting expansion in gypsum.
10. Hue, Chroma, value.

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

11. Acid etch technique.
12. Imbibition and syneresis.
13. Stress.
14. Classify trays used to make dental impressions.
15. Dentifrices.

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