



Rajiv Gandhi University of Health Sciences, Karnataka

I B.D.S Degree Examination - June 2014

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. Classify Elastomers. Describe the composition, setting reaction and properties of Addition Poly-Silicone Impression Material.
2. Write in detail composition, monomer-polymer interaction and techniques of Curing Heat Cure Denture Base Resin.

SHORT ESSAYS

10 x 5 = 50 Marks

3. Soft liners
4. Heat treatment
5. Calcium Hydroxide Cement
6. Dental Implants
7. Zinc Free Amalgam Alloys
8. Biocompatibility tests
9. Silica bonded investment material
10. Dentifrice
11. Porosity in Acrylic Resins
12. Dimensions of Colour

SHORT ANSWERS

10 x 3 = 30 Marks

13. Tissue conditioner
14. Types of Setting Expansion
15. Gutta Percha
16. Thermoplastic and Thermoset Resins
17. Sticky wax
18. Non Eugenol Paste
19. Sandwich technique
20. Craze in Acrylic Resins
21. Pit and Fissure Sealants
22. Acid Etching

