



Rajiv Gandhi University of Health Sciences, Karnataka

I B.D.S Degree Examination - DEC-2014

Time: Three Hours

Max. Marks: 70 Marks

DENTAL MATERIALS (Old Scheme)

Q.P. CODE: 1104

Your answers should be specific to the questions asked

Draw neat, labeled diagrams wherever necessary

LONG ESSAYS

2 x 10 = 20 Marks

1. What are composite restorative materials? Mention the composition and functions of each component. Explain in detail different aspects of curing of resin-based composites.
2. Classify dental ceramics. Explain in detail about manipulation of ceramics.

SHORT ESSAYS

6 x 5 = 30 Marks

3. Accelerators and Retarders
4. Acid etching
5. Addition polymerization
6. Adhesion and cohesion
7. Allergic reactions to dental materials
8. Annealing

SHORT ANSWERS

10 x 2 = 20 Marks

9. Beryllium
10. Beta-titanium
11. Burnishing
12. Coefficient of thermal expansion
13. Crevice corrosion
14. Crucible former
15. Ductility
16. Enumerate non-aqueous elastomers.
17. Gillmore needle
18. Hardness of dental materials
