

Rajiv Gandhi University of Health Sciences

I B.D.S Degree Examination – June 2013

Time: 3 Hrs.

[Max. Marks : 100]

DENTAL MATERIALS (RS & RS2)

QP Code: 1154

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary.

LONG ESSAY

2 X 10 = 20 Marks

1. Classify impression materials. Write the composition, manipulation and uses of zinc oxide eugenol impression paste. Add a note on non-eugenol impression paste.
2. Define an alloy. Give the composition of dental amalgam alloys. Write the various stages of manipulation of amalgam. Add a note on delayed expansion

SHORT ESSAY

10 X 5 = 50 Marks

3. Recent advances in dental ceramics
4. Manipulation of inlay wax
5. Soldering
6. Composition, uses and application of cavity varnish
7. Difference between acrylic and porcelain teeth
8. Dual cure resin cement
9. Stages of annealing
10. Dentin bonding agents
11. Soft liners
12. Impression compound

SHORT ANSWERS

10 X 3 = 30 Marks

13. Dental abrasives
14. Calcium hydroxide
15. Impression plaster
16. Base plate wax
17. Tarnish and corrosion
18. Creep
19. Pour type resins
20. Pit and fissure sealants
21. Dental implant materials
22. Compare and contrast addition and condensation silicones

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