

Rajiv Gandhi University of Health Sciences, Karnataka

B.D.S Degree Examination –JULY-2018

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. What are the types of denture base materials? Write in detail about their chemical and physical stages of polymerization and add a note on types of curing cycles.
2. Define amalgam. Write in detail about the composition, uses, advantages, disadvantages, manipulation and properties of high copper amalgam.

SHORT ESSAYS

8 x 5 = 40 Marks

3. Dental stone
4. Impression compound
5. Hardness
6. Visible light cure resin
7. Direct filling gold
8. Titanium alloys
9. Casting defects
10. Allergic reaction to dental materials

SHORT ANSWERS

5 x 2 = 10 Marks

11. Non eugenol cement
12. Contact angle
13. Galvanism
14. Curing of composite resins
15. Enumerate castable ceramics.
