



Rajiv Gandhi University of Health Sciences, Karnataka

B.D.S Degree Examination –DEC-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 dental alloys? Write in detail the classification, composition and uses of dental casting alloys.
2. Classify dental impression materials. Describe in detail the properties, manipulation and uses of Addition silicone impression material.

SHORT ESSAYS

8 x 5 = 40 Marks

3. Manipulation of die stone
4. Calcium hydroxide paste
5. Mat gold
6. Firing of dental ceramics
7. Manipulation and uses of type II glass ionomer cement
8. Stress and strain
9. Cobalt chromium alloys
10. Manipulation of amalgam

SHORT ANSWERS

5 x 2 = 10 Marks

11. Syneresis
12. Types and uses of investment materials
13. Dentin bonding agents
14. Pulp capping agents
15. Tissue conditioners
