



Rajiv Gandhi University of Health Sciences, Karnataka

I B.D.S Degree Examination - DEC 2016

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. Classify oral impression materials. Describe in detail the composition, setting mechanism, manipulation technique and properties of irreversible hydrocolloid impression materials.
2. Describe the compositions, manufacturing method, amalgamation reactions and microstructures of various silver amalgam alloys.

SHORT ESSAYS

6 x 5 = 30 Marks

3. All ceramic restoration
4. Tarnish and Corrosion
5. Classify and enumerate types of dental impression trays.
6. Recent advances in glass ionomer cements
7. Bonding agents
8. Inlay wax – properties and uses

SHORT ANSWERS

10 x 2 = 20 Marks

9. Types V dental stone
10. Microleakage
11. Coupling agents
12. Platinized gold foil
13. Flux and anti flux
14. Die spacers
15. Rake angles
16. Polishing agents used in acrylic denture resins
17. Ductility and malleability
18. Casting machines
