



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 dental ceramics. Discuss about their composition, role of ingredients and clinical applications of ceramics.
2. Write ideal requirements of impression materials. Discuss in detail irreversible Hydrocolloid impression materials

SHORT ESSAY

10 X 5 = 50 Marks

3. Delayed expansion
4. Flux and antflux
5. Fillers in composite resin
6. Zinc phosphate cement
7. Gypsum bonded investments
8. Casting defects
9. Dentrifrices
10. Die spacers
11. Abrasive and polishing agents
12. Difference between heat and cold cure acrylic resin

SHORT ANSWERS

10 X 3 = 30 Marks

13. Non – eugenol pastes
14. Luting agents
15. Composition of inlay wax
16. Hardness test
17. Pit and fissure sealants
18. Hygroscopic expansion
19. Gamma 2 phase
20. Separating media
21. Dental stone
22. Porosities in acrylic resin
