



Time: 3 Hrs.

[Max. Marks : 70]

DENTAL MATERIALS

(RS-3)

QP Code: 1185

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. Compare in detail the properties, advantages, disadvantages and uses of hydrocolloids with elastomeric impression materials. Add a note on disinfection of impressions.
2. Discuss in detail the properties, advantages, disadvantages of dental ceramics. What are CAD-CAM restorations?

SHORT ESSAY

8 X 5 = 40 Marks

3. What are luting cements? Write their ideal requisites.
4. Expansion in investment materials
5. Die stone
6. Manipulation of silver amalgam
7. Biocompatibility testing of dental materials
8. Corrosion and its prevention
9. Denture liners
10. Abrasives and polishing agents

SHORT ANSWERS

5 X 2 = 10 Marks

11. Microwave curing of resins
12. Die spacers
13. Classification of inlay wax
14. Advantages and disadvantages of direct filling gold
15. Self-etch dental adhesives

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