



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. Discuss in detail about irreversible hydrocolloid impression materials
2. Define composite. Classify composite. Discuss briefly about each material.

**SHORT ESSAY**

**8 X 5 = 40 Marks**

3. Luting cements
4. Base plate materials
5. Hygroscopic expansion
6. Composition of ceramics
7. Stress and strain
8. Annealing of gold foil
9. Inlay wax
10. Poly carboxylate cements

**SHORT ANSWERS**

**5 X 2 = 10 Marks**

11. Delayed expansion
12. Pickling solution
13. Denture reliners
14. 18 – 8 wires
15. Dievestment

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