

**SECOND YEAR B.D.S. DEGREE EXAM**  
(Common to First Year Paper III - Modified Regulation III Candidates)

**PAPER III – DENTAL MATERIALS**

*Q.P Code: 544208*

**Time: 180 Minutes**

**Maximum: 70 Marks**

**I. Elaborate on:**

**(2 x 10 = 20)**

1. Classify Elastomeric impression materials. Write in detail about addition silicone.
2. Explain in detail about Dentin Bonding agents.

**II. Write Notes on:**

**(10 x 5 = 50)**

1. Lost wax Technique.
2. Biocompatibility.
3. Implant Materials.
4. Fluid resin Technique.
5. Polymerization Cycle.
6. Coupling Agent.
7. Cavity Liners.
8. Calcium Hydroxide.
9. Admixed Alloys.
10. Pit and Fissure Sealants.

\*\*\*\*\*