

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 gypsum products. Discuss in detail about their setting reaction.
2. Finishing and polishing agents used in dentistry.

II. Write Notes on: **(10 x 5 = 50)**

1. Soldering and welding.
2. Inlay waxes.
3. Pit and fissure sealants.
4. Dimensional changes of amalgam.
5. Fluoride releasing cements.
6. Stages in addition polymerization.
7. Biocompatibility of dental materials.
8. Dicor.
9. Zinc phosphate cement.
10. Syneresis and Imbibition.
