

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. Define impression and add notes on the ideal properties, applications and classification of impression materials.
2. Definition, requirements and classification of dental casting investments and a note on setting expansion.

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

1. Artificial denture teeth material.
2. Dimensions of colour.
3. Cement bases.
4. Low copper alloys.
5. All ceramic restorations.
6. Viscosity of dental materials.
7. Forms of direct filling gold.
8. Strain hardening of wrought alloys.
9. Room temperature vulcanizing silicones.
10. Thermal properties of inlay waxes.
