

B.D.S. [1st Prof.]
BF/C/2007/06

Dental Materials
[Common for All Candidates i.e. Old & New]

M.M. : 90

Time : 3 Hours

Note : Attempt all questions.
Use Separate Answer Sheet for Each Part.

PART - I

1. Classify Impression materials. Write in detail about Zinc Oxide Eugenol impression paste. [15]

2. **Write notes on:**
 - a. Ideal requirements of dental resins. [7¹/₂]
 - b. Trituration. [7¹/₂]

3. **Write notes on:**
 - a. Phosphate bonded investment material. [7¹/₂]
 - b. High Copper alloys. [7¹/₂]

PART - II

4. Classify Casting defects. Write briefly about each of them. [15]

 5. **Write notes on:**
 - a. Compare Resin and Porcelain denture teeth. [7¹/₂]
 - b. Metal Ceramic alloys. [7¹/₂]

 6. **Write short notes on:**
 - a. Chemical stages of Polymerization. [5]
 - b. Modelling Wax. [5]
 - c. Dentin bonding agents. [5]
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