

B.D.S. [1st Year]

BF/C/2006/06

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. Compare properties of various elastomer impression materials. [15]
2. Describe composition, properties and manipulation of Glass ionomer cement. [15]
3. **Write short notes on:** [5x3=15]
 - a. Trituration.
 - b. Sprue former.
 - c. Hardness.

Part - II

4. Classify composite resins depending upon the size of filler particles. Compare their properties. [15]
 5. **Write short notes on:**
 - a. Strengthening of dental ceramics. [7]
 - b. Mat Gold. [7]
 6. **Write short notes on:**
 - a. Biocompatibility of denture base resins. [8]
 - b. Polishing materials. [8]
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