

**MDS Part II Examinations, June 2013**  
**(Conservative Dentistry & Endodontics)**

**Paper III - Dental Materials and Public Health Dentistry**

**Time: 3 Hours**

**Total Marks: 100**

- Answer all Questions.
- Draw Diagrams wherever necessary.

**Essay**

**(2x20=40)**

1. Discuss about controlling polymerization shrinkage in resin composites. (20)
2. Explain the metal free ceramics and mention its properties (20)

**Short Essays**

**(6x10=60)**

3. Recent advances in dentin bonding systems
4. Resin modified glass ionomer cements
5. Fluorides in restorative dental materials
6. Flexural strength of dental materials
7. Matrices for esthetic restorative materials
8. Adverse effects of dental materials

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