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

## **Time: 3 Hours**

- Answer all Questions.
- Draw Diagrams wherever necessary.

## Essays

- 1. Classify noble and base metal alloys. Explain various types of direct filling gold.
- 2. Define biocompatibility. Explain pulpal response to various restorative materials.

## Short Essays

- 3. Classify impression materials. Add a note on hydro colloids.
- 4. Tarnish and corrosion
- 5. Define stress and strain. Add a note on creep in silver amalgam
- 6. Importance of liners and varnishes under amalgam restoration.
- 7. Mercury hygiene in dental clinics
- 8. Soldering technique

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# **QP CODE: 203229**

(2x20=40)

(6x10=60)

**Total Marks: 100** 

Reg No:....