

DENTAL MATERIAL SCIENCE

SUMMER 2014

Total Duration : Section A + B + C :3 Hours

Section B + C Marks : 50

SECTION B

2. Brief answer questions : (5×3=15)

- a) Dental Implant materials.
- b) Composition of heat cure acrylic.
- c) Ideal requisites of die material and mention different types of die materials.
- d) Hue, Chroma, Value.
- e) Laminate technique.

3. Long answer questions : (1×10=10)

Mention the different waxes used in dentistry.
Write in detail the composition, desirable properties and manipulation of Inlay wax.

SECTION C

(Conservative Dentistry)

4. Brief answer questions : (5x3=15)

- a) Composition of glass ionomer cement.
- b) Generations of amalgam.
- c) High Copper alloys.
- d) Sprue Formers.
- e) Manipulation of Zinc phosphate cement.

5. LAQ (1×10=10)

Discuss in detail about classification , composition, role of each ingredient and properties of restorative composite resins.