

[LE 706]

FEBRUARY 2014

Sub. Code:4173

SECOND YEAR B.D.S. DEGREE EXAM
PAPER III – DENTAL MATERIALS
Q.P Code: 544173

Time: 180 Minutes**Maximum: 70 marks****I. Elaborate on:****(2X10=20)**

1. Define and classify non aqueous impression materials. What are the merits of addition silicones? Mention the consistencies they are commonly dispensed for routine usage.
2. What are dentin bonding agents? Explain their generations.

II. Write Notes on:**(10X5=50)**

1. Tests for biocompatibility
2. Chemically setting hydrocolloids
3. CAD - CAM
4. Imbibitions and syneresis
5. Zinc oxide Eugenol impression paste.
6. Curing cycles in denture base resins.
7. Inlay wax-composition and role of each ingredient.
8. Liners and bases
9. Resin modified GIC
10. High copper amalgam
