

ST GREGORIOS DENTAL COLLEGE, CHELAD
SECOND YEAR ADDITIONAL BATCH KUHS 2018
I INTERNAL THEORY EXAMINATION 10-03-2021

DENTAL MATERIALS

SECTION – A: PROSTHODONTICS

Time: 1 1/2Hrs

Max Marks: 35

Draw **DIAGRAMS** wherever necessary.

Write your **NAME** and **ROLL NUMBER**.

Long Essay (10)

1. Classify denture base resins. Explain in detail about heat activated acrylic resins.
Add a note on chemistry of polymerization. (3+5+2)

Short Essays (2X5=10)

2. Classify gypsum products used in dentistry. Explain briefly composition, setting reaction, manufacturing process and uses of Type IV die stone. (2+3)
3. Classify impression materials. Write in detail about composition, setting reaction, and uses of zinc oxide eugenol impression paste. (2+3)

Short Notes (5X3=15)

4. Adhesion and cohesion
5. Hygroscopic setting expansion
6. Syneresis and imbibition
7. Co polymerization
8. Polyether