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)

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

Short Notes (5X3=15)

1. Adhesion and cohesion
2. Hygroscopic setting expansion
3. Syneresis and imbibition
4. Co polymerization
5. Polyether