

ST GREGORIOS DENTAL COLLEGE, CHELAD
SECOND YEAR REGULAR BATCH KUHS 2018
I INTERNAL THEORY EXAMINATION 09-12-2019
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 impression materials. Write in detail about composition, setting reaction, properties and uses of addition silicone elastomeric impression material. Mention the ideal requirements of impression materials. (3+5+2)

Short Essays (2X5=10)

2. Classify gypsum products used in dentistry. Explain in detail composition, setting reaction, manufacturing process and uses of Type III dental stone. (2+3)
3. Explain in detail the chemistry of polymerization of acrylic resins. (5)

Short Notes (5X3=15)

4. Adhesion and cohesion
5. Die stone
6. Manipulation of agar-agar
7. Co polymerization
8. Composition of zinc oxide eugenol impression paste