ST GREGORIOS DENTAL COLLEGE, CHELAD

**SECOND BDS ADDITIONAL BATCH (KUHS 2017 ADMISSION)**

**I INTERNAL THEORY EXAMINATION 20-05-2019**

DENTAL MATERIALS

SECTION : A - PROSTHODONTICS

Time: 1 1/2Hours Max Marks: 35

Draw diagrams wherever necessary.

Write your NAME and ROLL NUMBER.

Long Essay (10)

1. Define impression and classify impression materials. Discuss in detail the composition, setting reaction, uses and advantages of addition silicone elastomeric impression material. (2+3+5=10)

Short Essays (2X5=10)

1. Classify gypsum products. Describe briefly the composition, manufacturing process, setting reaction and uses of Type III dental stone. (2+3=5)
2. Write the composition, setting reaction, properties and uses of zinc oxide eugenol impression paste. Add a note on factors controlling its setting time. (2+3=5)

Short Notes (5X3=15)

1. Adhesion and cohesion.
2. Accelerators and retarders of gypsum products.
3. Die stone.
4. Syneresis and imbibition.
5. Putty wash technique.