ST GREGORIOS DENTAL COLLEGE, CHELAD

**SECOND YEAR ADDITIONAL BATCH (KUHS 2016 : NEW SCHEME)**

**I INTERNAL THEORY EXAMINATION 28-05-2018**

**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 the composition and role played by each component of zinc oxide eugenol impression paste. Add a note on factors affecting setting reaction of zinc oxide eugenol impression paste. (4+3+3=10)

Short Essays (2X5=10)

1. What are the various Gypsum products used in dentistry? Describe the setting reaction of gypsum products. (3+2=5)
2. Enumerate the Biocompatibility tests used in dentistry. Explain briefly about each.

 (2+3=5)

Short Notes (5X3=15)

1. Stress and strain
2. **Metamerism**
3. Syneresis and imbibition
4. Hygroscopic setting expansion
5. Addition silicones