ST GREGORIOS DENTAL COLLEGE, CHELAD

SECOND YEAR ADDITIONAL BATCH (KUHS 2017)

II INTERNAL THEORY EXAMINATION 26-08-2019

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 investment materials. Describe in detail about the composition, properties and uses of phosphate bonded investment material. (3+7=10)

Short Essays (2X5=10)

1. Classify dental ceramics. Explain in detail the methods of strengthening ceramics.

 (2+3=5)

1. **Classify denture base materials**. Discuss the composition and properties of heat cure acrylic resin. (2+3=5)

Short Notes (5X3=15)

1. Die stone.
2. Casting defects.
3. **Implant biomaterials**.
4. Abrasive agents used in dentistry.
5. HTV and RTV silicones.