

Date: 5/4/19

I.T.S Dental College Hospital & Research Centre

47, Knowledge Park-III, Greater Noida

Department of Prosthodontics

BDS -2nd Year 2017 Batch

1st Internal Assessment Dental Material

Part-A

Long Answer Type Question:

Q.1: Classify Impression Materials? Discuss the ideal requirements of an impression material? Discuss in detail about Thermoplastic, rigid and reversible impression material? 10

Q.2: Discuss in detail the compression moulding technique with a note on physical stages of Polymerization. 10

Short Answer Type Question: (5X3)

- a. Hygroscopic Setting Expansion
- b. Crazeing
- c. Porosity

Part-B

Long Answer Type Question:

Q.1: Classify Dental Casting Alloys? Write the various requirements for Metal Ceramic Alloys. Discuss in detail about Alloys for Metal Ceramic Prosthesis. 10

Q.2: Classify Gypsum products along with their Water: Powder ratio? Discuss in detail about the setting reaction and the theories of setting. 10

Short Answer Type Question: (5X3)

- a. Annealing
- b. Titanium Alloy
- c. Biocompatibility Test

