

August 2011

[KZ 706]

Sub. Code : 4173

SECOND B.D.S. DEGREE EXAMINATION**DENTAL MATERIALS***Q. P. Code : 544173***Time : Three hours****Maximum: 100 Marks**Answer **ALL** questions**I. Essay Questions:****(2 x 20 = 40)**

1. Write in detail about dental ceramics.
2. Describe the casting procedure of dental alloys and discuss in detail about casting failures.

II. Write Short notes on :**(10 x 6 = 60)**

1. Classify gypsum products and mention their clinical uses.
2. High copper alloys.
3. Write short notes on Inlay wax.
4. Explain the soldering procedure.
5. 18-8 stainless steel.
6. Dental abrasives and its classification. Mention the uses of various abrasives.
7. Sandwich technique.
8. Pit and fissure sealants.
9. Causes of porosity in denture base resin.
10. Electroformed dies.
