

2010 Scheme

Reg. No.:

Second Year BDS Degree Supplementary Examinations February 2022

Dental Materials

Time: 3 hrs

Max marks: 100

- Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space
- Answer all parts of a single question together • Leave sufficient space between answers
- Write section A and section B in separate answer books (32 pages). Do not mix up questions from section A and section B

Q P Code: 204002 Section A – Prosthodontics

Marks: 50

Essay

(14)

1. Classify Denture base materials, explain briefly about composition and explain in detail about compression molding technique of processing heat cure acrylic denture base resin. (2+12)

Short essays

(2x8=16)

2. Zinc oxide eugenol- impression paste
3. Casting defects

Short notes

(5x4=20)

4. Rockwell hardness test
5. Beta titanium
6. Ring liner
7. Types of dental implants
8. Ductility and malleability

Q P Code: 205002 Section B – Conservative Dentistry

Marks: 50

Essay

(14)

1. Classify dental ceramics. Explain in detail about all ceramic restorations. (4+10)

Short essays

(2x8=16)

2. Define and classify dentine bonding agents (4+4)
3. Discuss soldering and welding (4+4)

Short notes

(5x4=20)

4. Admixed amalgam alloys
5. Calcium hydroxide
6. Smear layer
7. Flow in inlay casting waxes
8. Gold foil
