

Second Year BDS Degree Supplementary Examinations July 2018

**Dental Materials
(2010 Scheme)**

Time: 3 hrs

Max marks: 100

- *Answer all questions*
- *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. Discuss polymethylmethacrylate in detail (3+11)

Short essays

(2x8=16)

2. Alginate
3. Classify gypsum products

Short notes

(5x4=20)

4. Dimensional stability
5. Separating medium
6. Addition polymerization
7. Implant materials.
8. Abrasives and polishing agents

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Section B – Conservative Dentistry

Marks: 50

Essay

(14)

1. Mention the composition and discuss the properties of silver amalgam restoration. (2+4+8)

Short essays

(2x8=16)

2. Explain different types of direct filling gold
3. Discuss in detail cavity liners. Add a note on Calcium Hydroxide.

Short notes

(5x4=20)

4. Pit and fissure sealant
5. Galvanic corrosion
6. Copy milling
7. Bi-layered restoration
8. Bur materials