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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

Q P Code: 205002 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

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