FirstRanker.com
Firstranker's choice
www.FirstRanker.com www.FirstRanker.com

Reg. No.: .....

Second Year BDS Degree Supplementary Examinations - February 2016

DENTAL MATERIALS

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 impression materials. Explain in detail the composition and manipulation of alginate impression material. Add a note on imbibitions and synerisis. (3+7+4=14)

Short essays **(2x8=16)**

2. Classify denture base materials. Describe in detail about manipulation of each type of resin. (3+5=8)
3. Enumerate investment materials. Add a note on the composition, uses of phosphate bonded investment material. (2+6=8)

Short notes **(5x4=20)**

4. Soldering and welding.
5. 18-8 stainless steel.
6. Polymerization.
7. Dimensions of Color
8. Soft reliners.

Q P Code: 205002 Section B – Conservative Dentistry Marks: 50

Essay **(14)**

1. Define composite resins. Classify dental composites. Describe the composition, advantages and disadvantages of hybrid composites. Add a note on polymerization shrinkage (2+4+5+3=14)

Short essays **(2x8=16)**

2. Define and classify glass ionomer cements. Add a note on mechanism of glass ionomer adhesion to tooth (2+3+3=8)
3. Classify inlay casting waxes. Discuss its composition and ideal requirements (2+6=8)

Short notes **(5x4=20)**

4. Creep
5. Pickling
6. Bonding Agents
7. Delayed expansion
8. Pit and fissure sealants

****

FirstRanker.com
Firstranker's choice
www.FirstRanker.com