



Time: 3 Hrs.

[Max. Marks : 70]

DENTAL MATERIALS (Old Scheme)

QP Code: 1104

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary.

LONG ESSAY

2 X 10 = 20 Marks

1. Classify, give composition and properties of silver amalgam
2. Classify dental porcelain; write the condensation and firing of porcelain

SHORT ESSAY

6 X 5 = 30 Marks

3. Compaction of gold foil
4. Composition of heat cure and self cure resin
5. Phosphate bonded investment material
6. Impression compound
7. Define hardness, write down various tests for hardness
8. Casting machines

SHORT ANSWERS

10 X 2 = 20 Marks

9. Polymerization
10. Zinc polycarboxylate
11. Uses of plaster of paris
12. Multiple mix impression technique
13. Heat treatment of noble metal alloys
14. Back pressure porosity
15. Chrome cobalt alloy
16. Manipulation of zinc phosphate cement
17. Tarnish and corrosion
18. Composition of composite resin

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