

DENTAL MATERIAL SCIENCE

Nov 2013

Total Duration : Section A + B + C : 3 Hours

Section B & C Marks : 50

SECTION -B

2. Brief answer questions : (5x3=15)

a) Classify dental waxes.

b) Define metamerism.

c) Reversible hydrocolloids.

d) Write a brief account on various types of abrasives used in dentistry.

e) Describe various methods of measuring setting time of gypsum.

3. Long answer questions : (1x10=10)

Write the ideal requisite of denture base material.
Give composition, manipulation, polymerization of heat cure resin.

SECTION C

(Conservative Dentistry)

4. Brief answer questions: (5x3=15)

a) Classify amalgam alloys

b) Give the composition and uses of Calcium hydroxide cement

c) What is delayed expansion ?

d) Sprue Former.

e) Discuss cavity liners.

5. Long answer questions: (1x10=10)

Define composites. Classify composites Give the composition in detail with function of each ingredient