

DENTAL MATERIAL SCIENCE

Summer 2013

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

Section B & C Marks : 50

Section B

2.SAQ (5×3=15)

a) Write in detail about 18:8 steel.

b) What do you understand by Suck back porosity.

c) Classify dental ceramics

d) Define calcination. What IS the process of calcination ?

e) Write composition and uses of zinc oxide Eugenol impression paste.

3. Long answer questions: (1×10=10)

Classify waxes used in dentistry. Write in detail about composition ideal properties and uses of inlay wax

SECTION C

(Conservative Dentistry) :

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

.Finishing and polishing agents.

b)Dental bur and diamond points. c) Cavity

Bases

d) Properties of inlay wax.

e) Admixed amalgam alloy.

5. Long answer questions: (10×1=10)

Classify and define composite resins. Write in detail about composition and role of each of the ingredients. Add a note on advantages of microfilled composites.