



PG-21301

Seat No. _____

Second Year Year B. D. S. Examination

July - 2018

Dental Materials

Time : **3 Hours**]

[Total Marks : **70**

- Instructions :** (1) Write each section in separate answer book.
(2) Draw figure whenever necessary.
(3) Figure on right indicates marks.
(4) Attend all the question.

SECTION - I

- 1 Full Question : 10**
Classify Impression materials. Describe in detail about Eugenol and Non eugenol based impression pastes.

OR

Full Question :
What is ART? Describe in detail about Modified GIC with their mode of application to tooth structure.

- 2 Answer in brief : (Any Five) 10**
(a) Sprue former
(b) Eutectic alloys
(c) What is Green strength?
(d) Flux and Anti flux
(e) Types of Dental Implants
(f) What is Fluffing?

- 3 Write short notes : (Any Five) 15**
(a) Shellac base plate
(b) Dentrifrices
(c) Dental Porcelain
(d) Luting cements
(e) Karat n Fineness
(f) Denture Adhesives.

SECTION - II

- 4** Full Question : **10**
What are Composite resins? Describe in detail about bonding between composite n tooth and methods to increase bonding strength.

OR

Full Question :
What are the Dental Investment materials? Describe them in detail.

- 5** Answer : (Any **Two**) **10**
(a) Root canal sealers.
(b) Dental Amalgam.
(c) Blue inlay wax.
- 6** Answer in brief : (Any **Five**) **15**
(a) Tissue conditioners
(b) Stainless steel alloys
(c) Pulp capping agents
(d) Bur design
(e) Polyvinyl Siloxane
(f) Curing cycles of acrylic resin.
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