

(20913)

Roll No.

B.D.S. II Prof.

5140(N)

B.D.S. (Main & Supply.) Examination, Sept. 2013

DENTAL MATERIAL

(BDS-06)

Time : Three Hours]

[Maximum Marks : 70]

*Note : Attempt all questions. Use separate copy for
Part-A and Part-B.*

Part-A

[Marks : 35

1. Write in detail about the following : 8×2
 - (a) Factors controlling the setting time of gypsum products.
 - (b) Methods of measuring initial and final setting time of Plaster of Paris.
2. Write briefly on the following : 5×2
 - (a) Composition and properties of impression compound.
 - (b) Polymerization shrinkage of acrylic resins.

LIBRARY

MS Dental College & Hospital, Greater Noida
47, Knowledge Park-II, Greater Noida

3. Write short notes on the following : 3×3
- (a) Hardness
 - (b) Pumice powder
 - (c) Soldering.

Part-B

[Marks : 35]

1. Write in detail about the following : 8
- (a) Importance of silica in investment materials
 - (b) Composition and manipulation of Zinc phosphate cement.
2. Write briefly on the following : 5×2
- (a) Tissue conditioners
 - (b) Advantages and disadvantages of porcelain teeth.
3. Write short notes on the following : 3×3
- (a) Microleakage
 - (b) Inlay wax
 - (c) Separating media.

6091005

O

(Printed Pages 3)

(20313)

Roll No. ...6091005

B.D.S. II Prof.

5140 (N)

B.D.S. Supply & Main Examination,

March-2013

Dental Material

BDS-06 (N)

Time: Three Hours] [Maximum Marks : 70

Note : Attempt **all** the questions. Use separate
Answer books for Part - A and B.

PART - A

1. Write in detail about following: $2 \times 8 = 16$

- (a) Classify impression materials and describe ideal requirements of impression materials

P.T.O.

~~(b)~~ Composition and setting reaction of amalginate

2. Write briefly on the following : $2 \times 5 = 10$

~~(a)~~ Composition of dental amalgam and properties of each ingredient.

~~(b)~~ Advantages of high copper alloy

3. Write short notes on: $3 \times 3 = 9$

~~(i)~~ Ductility and malleability

~~(ii)~~ Pickling

~~(iii)~~ Hue, values and chroma

PART - B

1. Write in detail about following : $2 \times 8 = 16$

~~(a)~~ Composition and properties of Glass ionomer cements

~~(b)~~ Hybrid composite

2. Write briefly on following : $2 \times 5 = 10$

~~(a)~~ Porosity in denture base resins

5140(N)/52012

~~(b)~~ Different setting Expansion in gypsum Products

3. Write short notes on : $3 \times 3 = 9$

~~(i)~~ Flexibility

~~(ii)~~ Back Pressure Porosity

~~(iii)~~ Cavity varnish

LIBRARY

IS Dental College Hospital & Research Centre
47, Knowledge Park-III, Greater Noida

5140(N)/52013