

V

(Printed Pages 2)

(20216)

Roll No.

B.D.S. II Prof.

5140(N)

B.D.S. Supply Examination, Feb. 2016

Dental Material

(BDS-06)

Time : Three Hours]

[Maximum Marks : 70

Note : Attempt **all** questions. Use separate Ans.

Books for Part-A & Part B.

Part-A

1. Discuss in detail about irreversible hydrocolloid-impression material. 16
2. Write briefly on following : $2 \times 5 = 10$
 - (a) Zinc oxide eugenol impression paste
 - (b) Dental Plaster

P.T.O.

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

- (a) Modifiers
- (b) Galvanism
- (c) Microleakage

Part-B

1. Discuss in detail about Dental Amalgam. 16

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

- (a) Casting defects
- (b) Varnishes

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

- (a) Soldering
- (b) Yield Strength
- (c) Ductility

N

(Printed Pages 2)

(21116)

Roll No.....

B.D.S.-II Prof.

5140(N)

**B.D.S. Supply & Main Examination,
Nov. 2016
Dental Materials
(BDS-06)**

Time : Three Hours]

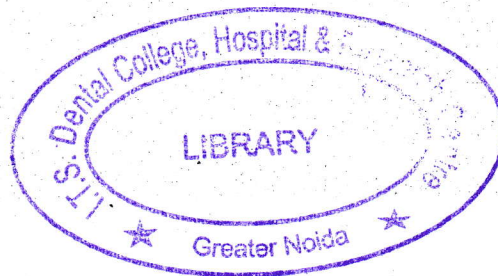
[Maximum Marks : 70

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

Part-A

1. Classify Dental Cements. Discuss composition properties and uses of the following :
 - (a) Zinc phosphate cements 16
 - (b) Glass ionomer cements
 - (c) Calcium Hydroxide Cements
2. Give brief explanation of the following:
 - (a) Dental Casting waxes. 5×2=10
 - (b) Processing of denture bases.

P.T.O.



3. Write short notes:

3×3=9

- (a) Delayed expansion
- (b) Galvanic effect
- (c) Proportional limit.

Part-B

1. Write briefly on the following: 8×2=16

- (a) Setting time of Dental Stone.
 - (b) Peritectic and eutectic alloys.
2. Classify Dental waxes. Give their ideal requirements, Composition properties and uses in brief. 10

3. Write short notes on:

3×3=9

- (a) PFM alloys
- (b) Syneresis and imbibition
- (c) Casting defects.