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Roll No.

B.D.S. II Prof.

5140(N)

**B.D.S. Supply & Main Examination,
Feb. 2014**

Dental Material

(BDS-06)

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 dental waxes and describe their ideal requirements.
 - (b) Composition, properties and uses of
INLAY CASTING WAX.

P.T.O.

BRARY
of Dental Research Centre
Noida, Greater Noida

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

- (a) Casting Defects
- (b) Denture base resins

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

- (a) Creep and flow
- (b) Delayed Expansion
- (c) Sandwich Technique

Part-B

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

- (a) Classification of Gypsum products and their properties.
- (b) Factors affecting the setting time of dental stone.

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

- (a) Composition and properties of Dental porcelain.
- (b) Eutectic and Peritectic alloys

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

- (a) Finishing and polishing agents
- (b) Phosphate bonded investment material
- (c) Setting reactions involved in alginate setting.

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Roll No.

B.D.S. II Prof.

5140(N)

B.D.S. Supply & Main Examination,

Oct. 2014

Dental Material

(BDS-06)

Time: Three Hours / [Maximum Marks : 70]

Note : Attempt all questions. Use separate an-

swer books for Part A and B.

PART - A

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

(a) Classify Gypsum Products. Describe dental stone in detail.

(b) Define Dental Ceramics. Discuss their processing techniques in detail.

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2. Write briefly on the following : $2 \times 5 = 10$
- (a) Finishing and polishing of Acrylic dentures.
- (b) Hardness and Hardness numbers.
3. Write short notes on : $3 \times 3 = 9$
- (a) Annealing of Gold.
- (b) Dimensions of color.
- (c) Anticariogenic Cements.

PART - B

1. Write in detail about : $2 \times 8 = 16$
- (a) Classify Dental Cements. Discuss zinc-oxide Eugenol Cement in detail.
- (b) Classify casting defects. Discuss the causes of porosities in detail.

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2. Write briefly on the following : $2 \times 5 = 10$
- (a) Softening and Hardening heat treatment of casting alloys.
- (b) Different methods of Strengthening Dental Ceramics.
3. Write short notes on : $3 \times 3 = 9$
- (a) Ductility and Malleability
- (b) Soldering and Brazing.
- (c) Prevention of Microleakage.

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