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(Printed Pages 2)

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Roll No. 6097031

B.D.S. II Prof.

5140(N)

B.D.S. Supply. & Main Examination, May 2019

Dental Materials

[BDS-06(N)]

*Time : Three Hours ]*

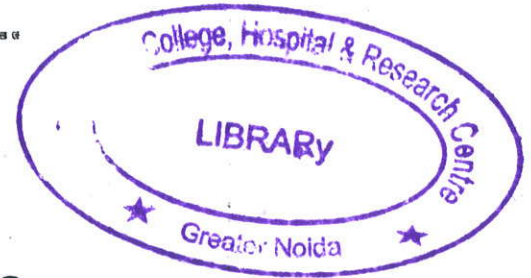
*[Maximum Marks : 70*

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

**Part - A**

1. Classify ceramics and write in detail about metal free ceramics. 16
2. Explain in detail 3×3=9
  - (a) Dentifrices
  - (b) Eutectic alloys
  - (c) Dental Implant materials

P.T.O.



3. Write short note on  $5 \times 2 = 10$

(a) Abrasive and Polishing Agents

(b) GIC

**Part - B**

1. Explain in detail  $8 \times 2 = 16$

(a) Denture Base Resins

(b) Dental Waxes

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

(a) High copper amalgam

(b) Bonding Agents

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

(a) Metamerism

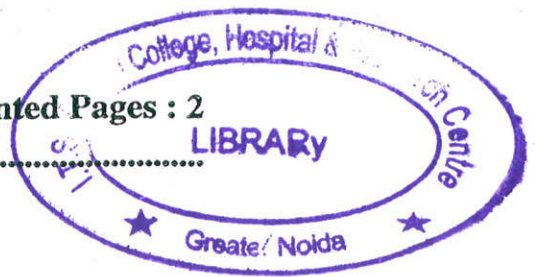
(b) Thermal conductivity

(c) Yield strength

A  
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**5140(N)**

**B.D.S. Supply. & Main Examination,  
November-2019**

**DENTAL MATERIALS**

**[BDS-06(N)]**

*Time : Three Hours]*

*[Maximum Marks : 70*

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

**Part-A**

1. Classify dental waxes. Describe in detail about inlay casting wax. 16×1=16
2. Explain in detail : 3×3=9
  - (a) Selection of amalgam alloy
  - (b) Boxing wax
  - (c) Proportional limit
3. Write short notes on : 5×2=10
  - (a) Setting expansion of dental investment
  - (b) Bench curing

(2)

**Part-B**

4. Explain in detail : 8×2=16
  - (a) Compression moulding technique
  - (b) Direct filling gold
5. Write briefly about the following : 5×2=10
  - (a) Hue, value, chroma and its importance to esthetics
  - (b) Wax burn-out
6. Write short notes on 3×3=9
  - (a) Flux and anti-flux
  - (b) Beta-titanium
  - (c) Slurry

