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(Printed Pages 3)

(20421)

Roll No. ...186099082

B.D.S.-II Prof.

5140(N)

B.D.S. Supply. & Main

Examination, April - 2021

Dental Material

(BDS-06)

Time : Three Hours]

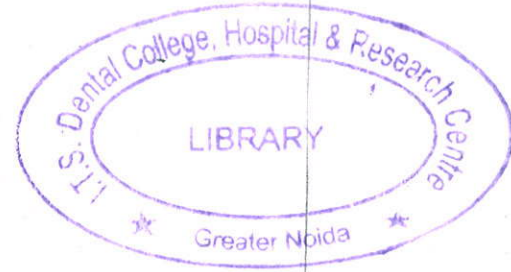
[Maximum Marks : 70

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) What are the investing/investment materials? Describe phosphate bonded investment material in detail.
 - (b) Discuss the biocompatibility of various dental Materials.

P.T.O.



2. Write briefly on the following: $2 \times 5 = 10$
- (a) Various methods used to find out initial and final setting time of

Gypsum products.

(b) Tarnish and corrosion.

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

(a) Poission's Ratio

(b) CAD-CAM technology

(c) Inlay casting wax.

Part - B

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

(a) Classify dental casting alloys.

Discuss base metal alloys in detail.

(b) Classify direct filling gold. Describe the procedure of gold placement and condensation in detail.

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

(a) Role of adhesion and bonding in Restorative dentistry.

(b) Metamerism and Fluorescence

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

(a) Cavity liners and varnishes

(b) Pressable ceramics

(c) Luting cements