

5140 (N)

B.D.S. Supply & Main Examination, Feb.-2022

DENTAL MATERIALS

[BDS-06(N)]

Time: Three Hours]

[Maximum Marks : 70

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

Part-A

1. What are dental ceramics? Discuss in detail composition, classification properties and uses of dental ceramics.

16×1=16

2. Explain in detail :

3×3=9

- (a) Phosphate bonded investments
(b) Hygroscopic setting expansion
(c) Injection moulding technique

3. Write short notes on :

5×2=10

- (a) Tissue conditioners
(b) Tarnish and corrosion

Part-B

4. Explain in detail :

8×2=16

- (a) Dentin bonding agents
(b) Glass ionomer cement

5. Write briefly about the following :

5×2=10

- (a) Inlay wax
(b) Mercury toxicity

6. Write short notes on :

3×3=9

- (a) Creep
(b) Glass transition temperature
(c) Sandwich technique

