

**5140(N)****B.D.S. Supply. & Main
Examination, Feb.-2023****Dental Materials****[BDS-06(N)]***Time : Three Hours]**[Maximum Marks : 70***Note :** Answer **all** questions. Use separate answer book for **Part-A** and **Part-B**.**Part-A**

1. Write the difference between Reversible and Irreversible Hydrocolloid? Discuss the use of Alginate as a dental material?
10
2. Explain why the use of dental amalgam, as a Restorative material, is being Limited/Reduced?
10
3. Write short notes on: $5 \times 3 = 15$
 - (a) Stress and Strain
 - (b) EDTA
 - (c) Nickel-CHROME and COBALT-CHROMIUM ALLOYS

Part-B

1. What is Gypsum? Compare all types of Gypsum Products?
10
2. Classify Dental Cements? Write in details about Glass Ionomer Cement?
10
3. Write short notes on: $5 \times 3 = 15$
 - (a) Yield strength
 - (b) Slurry water
 - (c) Wetting