

Printing Pages : 1

Paper Code : DDM-101
(B) (SVSU) 2025-26/R/S

Enrollment No.

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DIPLOMA IN DENTAL MECHANICS (DDM)
Ist Year Examination
(Applied Physics, Chemistry and Mechanics)

[Time: 03 Hours]

[Max. Marks : 75]

Note: Attempt all questions as per instructions. Draw a neat, labeled diagram wherever necessary

SECTION – A (LONG ESSAY)**(20 X 02 = 40)**

1. Discuss the composition of heat polymerization resins. Explain the chemical stages of polymerization. Describe in brief compression molding technique.
2. Discuss coefficient of thermal expansion. Add a note on its significance in dental materials.

SECTION – B (SHORT ESSAY)**(05 X 07= 35)**

3. Creep and flow.
4. Finishing and polishing agent.
5. Proportional limit.
6. Tensile, Compressive and Shear Strength.
7. Young's Modulus.

29-01-2026

Printing Pages : 1

**Paper Code : DDM-102
(B) (SVSU) 2025-26/R/S**

Enrollment No.

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**DIPLOMA IN DENTAL MECHANICS (DDM)
Ist Year Examination
(Dental Mechanics)**

[Time: 03 Hours]

[Max. Marks : 75]

Note: Attempt all questions as per instructions. Draw a neat, labeled diagram wherever necessary

SECTION – A (LONG ESSAY)

(02 X 20 = 40)

1. Discuss various infection control measures for impressions and models.
2. Discuss in detail the expansion occurring in gypsum products and add a note on its clinical significance.

SECTION – B (SHORT ESSAY)

(05 X 07 = 35)

3. Requirement of occlusal rims.
4. Difference between alpha and beta hemihydrate.
5. Various curing cycles and its advantages.
6. Relining and rebasing procedures for a denture.
7. Finishing & Polishing agent

Printing Pages : 1

Paper Code : DDM-103
(A) (SVSU) 2025-26/R/S

Enrollment No.

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DIPLOMA IN DENTAL MECHANICS (DDM)

1st Year Examination

(Applied oral anatomy)

[Time: 03 Hours]

[Max. Marks : 75]

Note: Attempt all questions as per instructions. Draw a neat, labeled diagram wherever necessary

SECTION – A (LONG ESSAY)

(20 X 02 = 40)

1. Discuss the anatomy of mandibular first molar with diagrams.
2. Landmark of mandibular denture bearing area.

SECTION – B (SHORT ESSAY)

(07 X 05 = 35)

3. Line angle and point angle.
4. Embrasures.
5. Overjet and overbite.
6. Significance of retromolar pad area.
7. Cusp, central fossa and marginal ridge.
