

QP Code: 131226

Reg. No.....

**MDS Part I Degree Regular/Supplementary Examinations
November 2025**

Prosthodontics and Crown and Bridge

**Paper I - Applied Basic Science: Applied Anatomy, Nutrition & Biochemistry,
Pathology & Microbiology, virology, Applied Dental Anatomy & histology, Oral
pathology & oral Microbiology, Adult and geriatric psychology. Applied dental
materials**

(2021 Scheme)

Time: 3 Hrs

Max marks: 100

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw Diagrams wherever necessary.*

Essays

(10x10=100)

1. Discuss the role of saliva in maintaining oral health. How does salivary dysfunction impact prosthodontic treatment
2. Describe the various methods of sterilization used for dental instruments and prosthetic materials
3. Luting cements and recent advances
4. Describe different sampling methods used in prosthodontic research and their impact on study validity.
5. Explain the role of nutrition in oral and systemic health and its impact on prosthodontic treatment outcomes.
6. Muscles of mastication.
7. Explain the common casting defects encountered in prosthodontics, their causes, and preventive measures.
8. Describe the physiological mechanisms of hemostasis. Discuss local hemostatic techniques employed to control bleeding during implant surgical procedures.
9. Types of dental waste and the appropriate disposal methods
10. Explain development of mandible. Add a note on its changes with age.
