

Q P Code: 221227

Reg. No.....

**MDS Part II Degree Regular/Supplementary Examinations  
September 2023**

**Periodontology**

**Paper I - Normal Periodontal structure, Etiology and pathogenesis of  
periodontal diseases, epidemiology as related to periodontics**

**(2018 Scheme)**

**Time: 3 Hours**

**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*

**Long Essays**

**(2x25=50)**

1. The possible role of viruses in the pathogenesis of periodontal diseases
2. Discuss the role of sex hormones as systemic modifiers in periodontal tissues in detail

**Short Essays**

**(5x10=50)**

3. Quorum sensing
4. Keystone-pathogens hypothesis
5. Toll like receptors
6. Reactive oxygen species
7. Advanced Glycation End (AGE's) product

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