

**MDS Part II Degree Regular Examinations July 2021**

**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. Explain in detail the role of junctional epithelium in periodontal health and disease.
2. Describe the microorganisms associated with specific periodontal diseases.  
Write a note on current concept on plaque hypothesis

**Short Essays**

**(5x10=50)**

3. Explain the role of complement system in periodontal disease.
4. Effects of smoking on response to periodontal therapy
5. Discuss the role of genetic polymorphisms in the initiation and progression of aggressive periodontitis
6. Discuss the current classification of periodontal disease and its shortcomings
7. Explain the role of GCF in periodontal health and disease

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