

**QP CODE: 201227**

**Reg No:.....**

**MDS Part II Degree Supplementary Examinations June 2019  
(Periodontology)**

**Paper I – Applied Anatomy and Physiology of the Periodontium, Pharmacology and  
Applied Material Science**

**(2010 Scheme)**

**Time: 3 Hours**

**Total Marks: 100**

- Answer all Questions.
- Draw Diagrams wherever necessary.

**Essays**

**(2x20=40)**

1. Discuss the mechanism of hemostasis and blood coagulation. Add a note on laboratory investigations for bleeding disorders.
2. Discuss the molecular and cell biology of alveolar bone.

**Short Essays**

**(6x10=60)**

3. Neutrophil extracellular traps
4. Mechanisms of cell death
5. Junctional epithelium
6. Long acting local anesthetics
7. Metronidazole
8. Surgical anatomy of palate

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