

QP CODE: 201227

Reg No:.....

**MDS Part II Degree Supplementary Examinations January 2018
(Periodontology)**

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

Time: 3 Hours

Total Marks: 100

- Answer all Questions.
- Draw Diagrams wherever necessary.

Essay

(2x20=40)

1. Enumerate blood clotting factors. Describe the mechanism of blood clotting after periodontal surgery
2. Discuss the composition, functions and method of collection of gingival crevicular fluid. Add a note on its role in periodontal research.

Short Essays

(6x10=60)

3. Physiology of pain
4. Microcirculation of gingiva
5. Maxillary sinus
6. Extension and severity index (ESI)
7. Vitamin D
8. Local drug delivery systems
