

Reg. No.

**MANIPAL ACADEMY OF HIGHER EDUCATION**

**MDS PART - I (PERIODONTOLOGY) DEGREE EXAMINATION – NOVEMBER 2020**

**SUBJECT: PAPER I – APPLIED BASIC SCIENCES**

Monday, November 09, 2020

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Draw diagrams and flow charts wherever necessary.**

✍ **Write short notes on:**

1. Growth and development of mandible
2. Stages in the physiology of deglutition
3. Histology of serous and mucous salivary glands
4. Pathways of pain
5. Unwanted effects of cyclooxygenase inhibitors
6. Glycated haemoglobin test and Medical management of diabetes
7. Classify growth factors and add a note on any one of the growth factors
8. Components of blood
9. Classification of oral microflora and oral ecosystem
10. Any two Animal models for periodontal research

(10 marks × 10 = 100 marks)

