

Reg. No.

MANIPAL ACADEMY OF HIGHER EDUCATION

MDS PART - I (PAEDODONTICS & PREVENTIVE DENTISTRY) DEGREE EXAMINATION - JULY 2020

SUBJECT: PAPER I – APPLIED BASIC SCIENCES

Friday, July 03, 2020

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Illustrate your answers with diagrams, flow charts wherever appropriate.**

1. Describe pathways of blood coagulation and add a note on clinical applications
2. Clinical significance of pterygomandibular space
3. Role of water soluble vitamins in oral health
4. Role of Major salivary glands in oral health
5. Stages of Amelogenesis and its clinical applications
6. Discuss in-detail the post-natal growth of mandible
7. Discuss the recent concept of dental plaque
8. Balanced diet and its implications in oral health
9. Discuss the development of oral flora from birth to adulthood
10. DNA recombinant technology and its clinical implications

(10 marks × 10 = 100 marks)

