

Reg. No.

MANIPAL ACADEMY OF HIGHER EDUCATION
MDS PART - I (PAEDODONTICS & PREVENTIVE DENTISTRY) 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.

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

1. Role of saliva in dental caries
2. Discuss broad spectrum antibiotics in children.
3. Discuss the differences in the respiratory system of a child and adult and write on the mechanism of action of Benzodiazepines.
4. Describe post-natal growth of mandible with clinical implications.
5. Discuss in detail differences between primary and permanent teeth
6. Describe passive and active immunization and add a note on dental caries vaccine
7. Discuss landmarks for the inferior alveolar nerve block and its modifications in children
8. Write in detail on the anatomy of temporomandibular joint.
9. Write in detail the management of child requiring extraction reporting with hemophilia B
10. Write in detail on the design of a randomized control trial. Add a note on hierarchy of evidence

(10 marks × 10 = 100 marks)

