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MANIPAL ACADEMY OF HIGHER EDUCATION

MDS PART - I (PEDIATRIC & PREVENTIVE DENTISTRY) DEGREE EXAMINATION – OCTOBER 2023

PAPER I - APPLIED BASIC SCIENE

Friday, October 27, 2023

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ Answer ALL the questions.

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

1. Explain the origin and course distribution of trigeminal nerve.
2. Describe the self-correcting anomalies seen during the development of occlusion.
3. Describe the development of tongue.
4. Discuss fat soluble vitamins and the manifestations of their deficiencies.
5. Describe the importance of various enamel proteins.
6. Explain the concept of food pyramid and its role in oral health.
7. Enumerate the chemical mediators of inflammation and explain their roles.
8. What is differential growth? Explain its importance.
9. Describe the normal features of gingiva in child.
10. Antibiotic Prophylaxis for infective endocarditis.

(10 marks × 10 = 100 marks)

