

PEDIATRIC DENTISTRY

Paper I: Applied Basic Sciences : Applied Anatomy, Physiology, Biochemistry, Pathology, Microbiology, Pharmacology, Research Methodology and Biostatistics Growth and Development and Dental plaque, Genetics. (Revised Scheme-5)

Q.P. CODE: 6051

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary.

Answer All The Questions**10 X 10 = 100 Marks**

1. Discuss the development of oral microflora from birth through adolescence.
2. Describe the origin, course, branches and innervations of trigeminal nerve.
3. How is Vit D, formed and activated in the body? How it, regulates body calcium pool? Write a note on hyper and hypovitaminosis D in a growing child.
4. Write in details the vascular events of inflammation.
5. Discuss the classification, etiology, clinical features and role of pedodontist in cleft lip and palate.
6. Discuss the mechanism of tooth eruption and add a note on its applied aspects.
7. Application of growth spurts in pedodontics.
8. Discuss various concepts of perception of pain. How is the perception of pain of pulpitis brought about?
9. Trace elements in dental caries.
10. Anaphylaxis.

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