

**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. Write in detail the development of tongue and add a note on its nerve and blood supply.
2. Enumerate factors involved in the clotting of blood. Explain the intrinsic and extrinsic pathways of blood coagulation.
3. Add a note on chemical mediators of inflammation.
4. What are immunoglobulins and discuss its role in maintaining the body immunity.
5. Measures of central tendency.
6. Bilateral synovial ginglymoid joint and its role in dental occlusion of children.
7. Vital signs in children. Add a note on the conditions where there are variations in the normal values.
8. Discuss polypharmacy and its applied aspects in pediatric dentistry.
9. Lactobacillus a double-edged sword.
10. Drug dosage calculations in children.

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