

ORTHODONTICS AND DENTOFACIAL ORTHOPEDICS

Paper-I: Applied Basic Sciences: Applied anatomy, Physiology, Dental Materials, Genetics, Pathology, Physical Anthropology, Applied Research Methodology, Bio-Statistics and Applied Pharmacology. (Revised Scheme-5)

Q.P. CODE: 6043

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. Describe the normal development and maturation of the suck-swallow mechanism and its relationship to the human dentition. Add a note on the influence of deviant swallowing behaviour on facial morphology.
2. Discuss the current concepts of growth prediction in relation to orthodontics.
3. Explain in detail Evolution, Anatomy, Physiology and movements of temporo mandibular joint.
4. Explain in detail the Development of the palate and its anomalies.
5. Discuss the "Acid Etch" technique from inception till present day and describe the methods of etching along with their pros and cons.
6. What is Stainless steel? Explain in detail the composition and types of stainless steel. Add a note on Annealing.
7. Genetics of dentofacial variations in human malocclusion.
8. Chi-square test.
9. Explain in detail the prenatal and post natal growth of maxilla.
10. Describe briefly direct bonding adhesives.

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