



Time: 3 Hrs.

[Max. Marks: 70]

**Human Oral & Dental Anatomy, Embryology,
Physiology & Histology
Code: 1181**

Your answers should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary.

LONG ESSAY

2 X 10 = 20 Marks

1. Enumerate and write in detail about the morphological stages in tooth development.
2. Discuss the morphology of permanent maxillary canine. Add a note on its chronology.

SHORT ESSAY

8 X 5 = 40 Marks

3. Write the differences between Primary and Permanent Dentition
4. Describe the histology of serous acini
5. Discuss the functions of saliva
6. Occlusal morphology of permanent maxillary first molar
7. Discuss incremental lines of dentin and enamel
8. Discuss function and lining of maxillary sinus
9. Tooth Numbering Systems
10. Principal fibres of periodontal ligament

SHORT ANSWERS

5 X 2 = 10 Marks

11. Pulp stone
12. Define cusp, fossa
13. Functions of reduced enamel epithelium
14. Cemento-Enamel junction
15. Tomes granular layer

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