

No. of Printed Pages : 05

BDS103

Following Paper ID and Roll No. to be filled in your Answer Book.

PAPER ID:2103

Roll
No.

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

BDS Examination Dec. 2016

(First Professional)

ENTAL ANATOMY, EMBRYOLOGY AND ORAL HISTOLOGY

Time : 3 Hours

[Maximum Marks : 70

Note :- All questions are compulsory. Attempt question in sequence of question paper

1. (i) Select the most appropriate answer : $\frac{1}{2} \times 10 = 5$

(a) In the enamel organ, alkaline phosphatase is present in :

(i) Outer enamel epithelium

(ii) Inner enamel epithelium

(iii) Stratum intermedium

(iv) Stellate reticulum

(b) Average thickness of enamel prism is

(i) 3μ

[P. T. O.]

(ii) 30 A°

(iii) 300 A°

(iv) 0.3 A°

(c) The first layer that cover the newly erupted tooth is :

(i) Primary enamel cuticle

(ii) Nasmyth membrane

(iii) Pellicle

(iv) Both (i) and (ii)

(d) What type of arrangement is shown by cilia of Maxillary fins :

(i) 9, 11

(ii) 1+9

(iii) 3+1

(iv) 1+3

(e) Smallest pull volume is seen in which tooth :

(i) Mandibular central incisor

(ii) Mandibular lateral incisor

(iii) Mandibular Canine

(iv) Maxillary lateral incisor

(f) Which of the following is not a function of pulp

(i) Protective

(ii) Nutritive

(iii) Inductive

(iv) None

(g) Enamel Protein making up bulky organic matrix is

(i) Amelogenic

(ii) Enamelin

(iii) Ameloblastic

(iv) Tuftelin

(h) What is the origin of intermediate cementum :

(i) Epitremal

(ii) Dental pupilla

(iii) Dental Soc

(iv) Dental follicle

(i) Pulpal glands are :

(i) Purely serous

(ii) Purely mucous

(iii) Mixed predominanty murous

(iv) Mixed predominaty serous

(j) Articular surface of TMT is covered by

(i) Myalin cartilage

(ii) Fibrous tissue

(iii) Elastic cartilage

(iv) Not specified

II Answer if the statement is true or false : 2.5

(a) Feulgen sternin is commonly used to visualize DNA.

(b) Rot formation theory is most creeped theory for tooth Eruption.

(c) Histatin in saliva has antimicrobial property.

(d) Type 4 collogen makes up lamina Lumida.

(e) Myoeptridial cells are also called as 'basket cell'.

III Fill up the blanks with correct answer : 2.5

(a) is most commenly retained deliduan tooth.

(b) The cemento dental junction in decidous teeth is

(c) Decalcifying agent used for making slide of hard tissue is

(d) Specific gravity of enamel is

(e) Most important function of dental pulp is.....

2. Write notes on :

(a) Function of Saliva 5

(b) Types of cemento enamel junction 5

3. (a) Theorier of dentinal Hypersensitivity 5

(b) Function of Moxillary sinus 5

4. (a) Age charges in enamel 5

(b) Principle fibres of periodontol ligament 5

5. (a) Burelle bone 5

(b) Gooured sectioning 5

6. Write in detail about the nomenclatur system. Add a note on ocelural surface of permanent maxillary first molor. 10

7. Write in detail about morphological stages of development of tooth. 10
