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(Printed Pages 3)
Roll No. 6091042

B.D.S. - I Prof.

5138 (N)

B.D.S. Supply & Main Examination,

March-2013

Dental Anatomy, Embryology & Oral

Histology

BDS-03 (N)

Time: Three Hours] [Maximum Marks : 70

Note : Attempt **all** questions. Use separate answer book for Part-I & II.

PART - I

1. Enumerate the stages of development of tooth and discuss Bell stage in detail. 8
2. Discuss the various theories of tooth eruption. 8

P.T.O.

3. Write briefly on :

- (a) Cemento-enamel junction 5
- (b) Principle fibres of periodontal ligament. 5

4. Write short notes on :

- (a) Bundle bone 3
- (b) Interlobular dentin 3
- (c) Development of tongue 3

PART - II

5. Discuss the occlusal aspect of Maxillary First

Molar (Permanent) in detail. 8

6. Discuss the differences between permanent and primary dentition. 8

7. Write briefly on :

- (a) Functions of Saliva 5
- (b) Histology of Mixed Salivary gland 5

8. Write short notes on :

- (a) Mixed dentition 3
- (b) FDI tooth numbering system 3
- (c) Histology of Maxillary Sinus. 3

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B. D. S. (Main & Supply) Examination, Sept. 2013

Paper-III

Dental Anatomy, Embryology & Oral Histology

(BDS-03)

Time : Three Hours] [Maximum Marks : 70

Note : Attempt all questions. Use separate copy for Part-I and Part-II. Draw diagrams wherever necessary.

Part-I

[Marks :35

1. Write in detail all the following : $8 \times 2 = 16$

- (a) Discuss stages in the development of tooth.
- (b) Classify dentin and discuss structure of dentin.

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2. Write briefly on the following :

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- (a) Incremental lines
- (b) Specialized mucosa.

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3. Write short notes on the following :

3×3=9

- (a) Pulp stones
- (b) Enamel tufts and spindles
- (c) Osteoclasts.

Part-II

[Marks :35]

1. Write in detail all the following :

8×2=16

- (a) Describe the morphologic features of permanent maxillary canine and draw neat-labelled diagrams.

- (b) Discuss various theories of eruption of tooth.

2. Write briefly on the following :

5×2=10

- (a) Principal fibres of periodontal ligament.
- (b) Occlusal aspect of permanent maxillary first molar.

3. Write short notes on the following :

3×3=9

- (a) Cellular cementum
- (b) Serous acini
- (c) Tooth numbering system

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