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(Printed Pages 3)

(20315)

Roll No.

B.D.S. I Professional

Search Centre
Date: _____

5138(N)

B.D.S. Supply & Main Examination

March, 2015

Paper - III

Dental Anatomy, Embryology & Oral Histology
(BDS-03N)

Time : Three Hours / [Maximum Marks : 70]

Note : Attempt all questions. Use separate copy
for **Part-I** & **Part-II**. Draw diagrams where-
ever necessary.

Part - I

1. Describe difference between upper and lower
canine and how will you differentiate left and
right Permanent Maxillary Canine? 8

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2. Describe in detail the various theories of tooth
eruption and discuss the clinical consideration
of tooth eruption. 8

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3. Write notes on :

2×5=10

(a) Shedding of deciduous teeth

(b) Development of Palate

4. Write short notes on :

3×3=9

(a) Amelogenesis

(b) Howship's Lacunae

(c) Cellular Vs Acellular Cementum

Part - II

1. Describe the microscopic features of cementum, Alveolar bone and periodontal ligament.

8

2. Describe in detail the structural elements and function of Dental pulp.

8

3. Write notes on:

2×5=10

(a) Maxillary sinus

(b) Basket cell

4. Write short notes on:

3×3=9

(a) Embrasures

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(b) Vermillion border of lip

(c) Geometric concept of crown outline

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Roll No.

B. D. S. I Prof.

5138(N)

B. D. S. Supply. & Main Examination, Oct. 2015

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 and Part-II.

Part-I

[Marks : 35

1. Discuss Dentogingival Junction. Describe its development and shift. Emphasize migration of epithelial attachment. 8
2. Write in detail about the structure of Dentin. 8
3. Write short notes :
 - (a) Physical and chemical characteristics of Enamel 5
 - (b) Dentine Sensitivity. 5

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4. Write briefly on :
- (a) Composition of saliva 3
 - (b) Enamel hypoplasia 3
 - (c) Processing of hard tissue for microscopic study. 3

Part-II

[Marks : 35]

5. Describe in detail the morphology of corner stones of the dental arches. 8
6. Discuss in detail the major contrast of the deciduous and permanent teeth. 8
7. Write short notes :
- (a) Ridges 5
 - (b) Line angle and point angle. 5
8. Write briefly on :
- (a) Dental formula 3
 - (b) Canine eminence 3
 - (c) Central fossa. 3