



**HAH-21260**

Seat No. \_\_\_\_\_

**First Year B. D. S. Examination**

**June / July – 2017**

**Dental Anatomy, Embryology & Oral Histology**

Time : 3 Hours]

[Total Marks : 70

- Instructions :** (1) Write each section in separate answer book.  
(2) Draw figures wherever necessary.  
(3) Figures on right indicate marks.  
(4) Attempt all the questions.

**SECTION – I**

- 1 Write in detail about structures of enamel. **10**
- OR**
- 1 What is pulp ? Describe in detail about zones of pulp. **10**
- 2 Short notes : (Any Two) **10**
- (1) Bud stage and Cap stage.
  - (2) Cellular and Acellular cementum.
  - (3) Gingiva.
- 3 (A) Write short notes : (Any Two) **10**
- (1) Principal fibers of periodontal ligament.
  - (2) Alveolar bone.
  - (3) Life cycle of Ameloblast.
- (B) Answer in one sentence only : (Any Five) **5**
- (1) Name of serous minor salivary gland.
  - (2) Which tissue of tooth cannot be seen in decalcified section?
  - (3) Difference between cementodentinal junction of primary and permanent tooth.
  - (4) Transient structures during tooth development.
  - (5) What is transparent dentin ?
  - (6) What is eruption?

**SECTION – II**

- 4 Write in detail about Permanent Maxillary canine. **10**
- OR**
- 4 Write in detail about maxillary first premolar. **10**
- 5 Short notes : (Any Two) **10**
- (1) Line angles and point angles.
  - (2) Occlusion.
  - (3) Grooves of tooth.
- 6 (A) Write short notes : (Any Two) **10**
- (1) Difference between Permanent Maxillary central and lateral Incisor.
  - (2) Tooth numbering systems.
  - (3) Write in detail about parts of the tooth.
- (B) Answer in one sentence only : (Any Five) **5**
- (1) What is cusp?
  - (2) What is oblique ridge?
  - (3) Name of roots of permanent maxillary first molar.
  - (4) Blood supply of mandibular anterior teeth.
  - (5) Arch traits and class traits.
  - (6) Eruption sequence of permanent teeth.
-