

DO NOT WRITE ANYTHING HERE

- (xii) The ameloblasts and enamel develop from the:
- A. Inner Enamel epithelium B. Stratum Intermedium
C. Stellate reticulum D. External epithelium
- (xiii) Periodontal ligament is derived from:
- A. The dental follicle between developing root and alveolar bone
B. Periodontoblast
C. Cementoblast
D. Hertwigs Sheath
- (xiv) The pulp nerve supply is of two types:
- A. Sympathetic and parasympathetic B. Parasympathetic and sensory
C. Sensory and sympathetic D. None of these
- (xv) A wedge shaped defect with no covering bone on tooth is called:
- A. Bone cavity B. Alveolar cavity
C. Dehiscence D. Cohesence
- (xvi) Two conditions which alter the dental hygienist's treatment plan could be:
- A. Rheumatic fever and serum hepatitis B. Syphilis and T.B
C. Herpes simplex and T.B D. Common cold and Influenza
- (xvii) Excessive Insulin may cause:
- A. Hypoglycemia B. Hyperglycemia
C. Glucagon shock D. Mental shock and depression
- (xviii) At what age does the upper canine erupt?
- A. 13 years B. 18-21 years
C. 9 years D. 10 years
- (xix) The swallowing of food is called Deglutition. It has:
- A. Four phases B. Three phases
C. Two phases D. Five phases
- (xx) The free gingiva is:
- A. Non Keratinized B. Keratinized
C. Dramatised D. None of these

For Examiner's use only:

Total Marks:

20

Marks Obtained:

— 1HA 1543 —



DENTAL HYGIENE HSSC-I

90

Time allowed: 2:35 Hours

Total Marks Sections B and C: 80

NOTE: Answer any ten parts from Section 'B' and any three questions from Section 'C' on the separately provided answer book. Use supplementary answer sheet i.e. Sheet-B if required. Write your answers neatly and legibly.

SECTION – B (Marks 50)

Q. 2 Answer any TEN parts. The answer to each part should not exceed 2 to 4 lines. (10 x 5 = 50)

- (i) Write a short note on Aspirin.
- (ii) Write a short note on Metronidazole.
- (iii) What is fainting? How would you manage the patient in dental surgery?
- (iv) How do you check the treatment room and equipment according to check list in dental surgery?
- (v) What is root planing?
- (vi) Name the Muscles of chewing tooth respective functions.
- (vii) How would you sterilize cotton wool rolls?
- (viii) Write a short note on pathogenicity of organism.
- (ix) What is a connective tissue?
- (x) Draw and label Temporomandibular joint. Name the structures and its functions.
- (xi) Name the stages of development of tooth. At what stage does Amelogenesis start?
- (xii) Name the structures of Periodontal ligament. Write a short note on fibres of periodontal ligament.
- (xiii) Briefly indicate eruption dates of deciduous and permanent teeth.
- (xiv) What are the chief features of acute inflammation? Briefly describe the vascular response.
- (xv) Describe a neurone.

SECTION – C (Marks 30)

Note: Attempt any THREE questions. All questions carry equal marks. (3 x 10 = 30)

Q.3 Describe fainting under the following headings:

- a. Aetiology
- b. Clinical picture
- c. Treatment

Q.4 In order that the patient gains a good impression of dentistry from start of Dental treatment, what factors should be checked?

Q.5 How would you minimize bleeding in scaling? What are the common agents used to control gingival bleeding?

Q.6 Describe gingival crevice and its clinical significance.

Q.7 Describe the mechanism of clotting of blood.