

- (xi) At what age does the permanent maxillary canine erupt?
A. 14 years of age B. 10 years of age
C. 12 years of age D. 8 years of age
- (xii) The normal recommended dose of tetracycline for dental infection is _____.
A. 500 mg 4 times daily B. 100 mg 4 times daily
C. 1 gm 4 times daily D. 250 mg 4 times daily
- (xiii) There are only two unpaired bones in the facial skeleton which are _____.
A. Maxillary and zygomatic bone B. Nasal and lacrimal bone
C. Palatine and nasal conchae D. Vomer and mandible
- (xiv) Aspirin is also known as _____.
A. Paracetamol B. Febrol
C. Acetylsalicyclic acid D. Mefanamic acid
- (xv) Which of the following vitamins has the antioxidant property?
A. Vitamin B B. Vitamin E
C. Vitamin C D. Vitamin D
- (xvi) Calcium in the blood is regulated by _____.
A. Pancreas B. Adrenal gland
C. Thyroid gland D. Parathyroid gland
- (xvii) Prickle cells are located in _____.
A. Stratum spinosum B. Stratum corneum
C. Stratum granulosum D. Stratum germinatum
- (xviii) An average human adult contains approximately _____.
A. 2 litres of blood B. 10 litres of blood
C. 3 litres of blood D. 6 litres of blood
- (xix) Antibodies are produced by _____.
A. Red blood cells B. White blood cells
C. Plasma cells D. Platelets
- (xx) Flat cells which contain karatohyline granules are present in _____.
A. Stratum germinatum B. Stratum spinosum
C. Stratum corneum D. Stratum granulosum

For Examiner's use only:

Total Marks:

20

Marks Obtained:

— 1HA 1443 —



DENTAL HYGIENE HSSC-I

88

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) Describe stratified squamous epithelium.
- (ii) Briefly describe Voluntary and Involuntary muscles.
- (iii) List the types and layers of blood vessels.
- (iv) Name Endocrine glands and write one function of each.
- (v) What are the functions of Lymphatic system?
- (vi) Name the Intrinsic and Extrinsic muscles of tongue.
- (vii) What do you know about Amelogenesis?
- (viii) What is the composition of Enamel and Dentine?
- (ix) Write a short note on Pulp.
- (x) Describe briefly the stages of acute inflammation.
- (xi) Define the following terms:
 - a. Precancerous state of malignant tumour
 - b. Chemical carcinogens
- (xii) What are the advantages and disadvantages of ultrasonic scalar?
- (xiii) Classify bacteria according to shape.
- (xiv) List the types of surface disinfectants.
- (xv) Write a short note on Root planning.

SECTION – C (Marks 30)

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

- Q.3** Mandibular nerve is an important mixed type of nerve which supplies lower teeth and muscles of mastication. Describe the intra-cranial and extra cranial-course of this nerve.
- Q.4** Explain the causes and clinical features of chronic inflammation.
- Q.5** Describe the importance of autoclave in the process of sterilization.
- Q.6** Enumerate the muscles of mastication. Discuss the process of mastication.
- Q.7** Describe the histological features of dentine.