

- (xii) There are different chemical agents used in dentistry to control bleeding by means of vasoconstriction. Which of the following helps in vasoconstriction?
- A. Adrenalin B. Calcium Hydroxide
C. Insulin D. Heparin
- (xiii) Extrinsic muscles of tongue are responsible for _____
- A. Position of tongue B. Shape
C. Speech D. Taste
- (xiv) Peridontium is a term used for the structures which support tooth. Which of the following is **NOT** a part of peridontium?
- A. Alveolar Bone B. Buccal mucosa
C. Gingival mucosa D. Periodontal ligament
- (xv) The Ultrasonic Sclar converts high frequency electrical energy into mechanical energy in the form of very rapid vibrations commonly at the rate of _____
- A. 25000 cycles per second B. 30000 cycles per second
C. 35000 cycles per second D. None of these
- (xvi) Which of the following structures are **NOT** found in the living pulp?
- A. Blood Vessels B. Collagen fibre
C. Haversian canal D. Plasma Cells
- (xvii) Principal fibres of the periodontal ligament are _____
- A. Collagenous B. Collagen and Elastic
C. Elastic D. Reticular
- (xviii) Post operative oral surgery patients may be restricted to _____
- A. Liquid and soft diet B. No diet restriction
C. Protein rich diet D. Sugar-free diet
- (xix) The problems of examining difficult handicapped patients are both mental and physical. Which of the following is **NOT** included in mental difficulty?
- A. Apprehension B. Communication
C. Postural position D. Distractability
- (xx) Which of the following is **NOT** contraindicated in the treatment of a pregnant woman?
- A. Fluoride therapy B. Non-essential radiography
C. Tetracycline medication D. Unnecessary prone position of the dental chair

For Examiner's use only:

Total Marks:

20

Marks Obtained:

— 1HA 1343 —



DENTAL HYGIENE HSSC-I

28

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

- (i) Draw a labelled diagram of Heart.
- (ii) The patient came to dental clinic for scaling. During scaling, bleeding started from Gingivae. Name the agents used to control the bleeding.
- (iii) Name the various parts of Alimentary Canal. Write down the functions of Oral Cavity in Digestive System.
- (iv) Define Osteology. Describe Mandible.
- (v) Name the pain relieving drugs used in dentistry. What do you know about Codeine Compound?
- (vi) Differentiate between Exudate and Transudate.
- (vii) Name the instruments used in Manual scaling. What are the advantages and disadvantages of ultra sonic scaling?
- (viii) Define the muscles of Mastication.
- (ix) Dentine is a vital tissue which changes throughout life. Discuss briefly.
- (x) Draw a labelled diagram of lateral side of face showing lymph nodes of head and neck.
- (xi) Describe the surfaces of teeth.
- (xii) An 18-years old lady came to dental clinic for extraction of lower right first molar. When L/A was injected, the patient fainted. How will you manage this patient?
- (xiii) A physically handicapped patient came to dental clinic for scaling. What measures should be taken before scaling?
- (xiv) Define Inflammation. Differentiate between Acute and Chronic inflammation.
- (xv) Define Sterilization. List the various methods of Sterilization.

SECTION – C (Marks 30)

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

- Q.3** Describe the importance of taking medical history before starting dental treatment. What precautions should be taken before treating a patient with communicable disease?
- Q.4** Name the structures which form the floor of mouth. Also describe the various major salivary glands.
- Q.5** Write notes on the following:
a. Causes of Malignancy
b. Cementum
- Q.6** How can diet influence health of the dental tissue? Discuss the cleansing action of food.
- Q.7** What is Dental histology? Discuss the various stages of development of dental tissues.