

- (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

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28

Time allowed: 2:35 Hours

Total Marks Sections B

NOTE: Answer any ten parts from Section 'B' and any three questions from Section 'C' on the 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 Codine 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.