



DO NOT WRITE ANYTHING HERE

- (xii) Which of the following is the first line of defense against micro-organisms?  
A. T. Lymphocytes  
B. B. Lymphocytes  
C. Intact skin  
D. Injured skin
- (xiii) Which of the following organisms causes Anaemia in children?  
A. E.Coli  
B. Proteus  
C. Hook worm  
D. Tenia coli
- (xiv) Autoclave uses \_\_\_\_\_ for sterilization.  
A. Boiled water  
B. Radiation  
C. Steam  
D. Vibrations
- (xv) Which of the following gas is used for sterilization?  
A. Ethylene oxide  
B. Formaldehyde  
C. Glutareldehyde  
D. Chlorine
- (xvi) Sterilization in Autoclave is achieved by using \_\_\_\_\_  
A.  $125^{\circ}C$  for 1 minute  
B.  $121^{\circ}C$  for 15 minute  
C.  $160^{\circ}C$  for 1 hour  
D.  $100^{\circ}C$  for 15 minute
- (xvii) Which of the following types of Hepatitis spreads by blood borne route?  
A. Hepatitis A  
B. Hepatitis E  
C. Hepatitis C  
D. HIV
- (xviii) Which infusion is used commonly in a patient with severe diarrhoea?  
A. 5% Dextrose water  
B. 10% Dextrose water  
C. Ringer lactate  
D. Blood
- (xix) AIDS is caused by \_\_\_\_\_  
A. Virus  
B. Bacteria  
C. Protozoa  
D. Nematoda
- (xx) Tetanus is caused by \_\_\_\_\_  
A. Virus  
B. Bacteria  
C. Anerobic virus  
D. Fungi

For Examiner's use only:

Total Marks:

20

Marks Obtained:



## OPERATION THEATRE TECHNIQUES HSSC-I

Time allowed: 2:35 Hours

Total Marks Sections B and C: 80

**NOTE:-** Answer any twenty five parts from Section 'B' and any two 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 TWENTY FIVE parts. The answer to each part should not exceed 2 to 4 lines. ( 25 x 2 = 50 )

- (i) What is the role of vaporizer in Anesthesia machine?
- (ii) What is Dry heat sterilization?
- (iii) What are the types of O.T. Lights?
- (iv) What is Cross matching of blood? Why is it done?
- (v) Write down the functions of Cardiac monitor.
- (vi) Write a short note on Acquired immunity.
- (vii) List the diseases caused by Protozoa.
- (viii) Write down the role of Formaldehyde as Disinfectant.
- (ix) Draw a diagram of Pancreas.
- (x) What are the radiations used for Sterilization?
- (xi) Write down the structure of pectoral girdle.
- (xii) What is Pulse oximetre? Also write down its role.
- (xiii) List the diseases caused by Staphylococcus Aureus.
- (xiv) Write down the various types of Intestinal worms in humans.
- (xv) Write a short note on Scrubbing.
- (xvi) Classify virus. Also give examples.
- (xvii) Briefly describe the Ribcage.
- (xviii) Write a short note on Gas Gangrene.
- (xix) Draw and label Bacteria.
- (xx) Write down four modes of spread of Hepatitis B.
- (xxi) Write down the commonly used Infusions.
- (xxii) What are the fungal diseases in relation to operation theatre?
- (xxiii) What is Drapping? How is it done?
- (xxiv) Write down four diseases caused by Streptococcus.
- (xxv) Name four bacteria most commonly causing food poisoning.
- (xxvi) What are Exotoxins? Write down their features.
- (xxvii) What are Endotoxins? Give their features.
- (xxviii) Name four bacteria causing Pneumonia.
- (xxix) How will you give first aid to a patient who has met a Road traffic accident?
- (xxx) What is Bacterial capsule? Write down its properties.
- (xxxi) What is Pili of a bacteria? Write down its properties.

### SECTION – C (Marks 30)

**Note:** Attempt any TWO questions. All questions carry equal marks.

(2 x 15 = 30)

**Q 3.** What is Autoclave? What are its main parts? Also write its working principle.

**Q 4.** What is Surgical Diathermy? Describe structure, working and precautions of Diathermy machine.

**Q 5.** Name Clostridium species. What are the diseases caused by each? Write down about Tetanus.