







# OPERATION THEATRE TECHNIQUES HSSC-I

78

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** Answer any TWENTY-FIVE parts. The answer to each part should not exceed 2 to 4 lines. ( 25 x 2 = 50 )

- (i) What are aerobes bacteria?
- (ii) What are anaerobic bacteria?
- (iii) What do you understand by HIV and AIDS?
- (iv) What are AFB? Give example.
- (v) What do you mean by culture? Name two common culture media.
- (vi) Name the types of Antibody. Which are more important in bacterial infections?
- (vii) What is suction machine and its purpose in O.T?
- (viii) Name the types of blood group. Which group is called universal donor?
- (ix) Name various components of blood for transfusion and their use.
- (x) What is Gram Stain?
- (xi) What is defibrillator and its use?
- (xii) What is Tyndallisation?
- (xiii) What is Needle Stick Injury?
- (xiv) Give two precautions to take in O.T. while dealing with AIDS patient.
- (xv) Name two bacteria which can cause pyogenic infection of wounds.
- (xvi) Name spore forming bacteria and disease caused by them.
- (xvii) What are vaccines and their use?
- (xviii) What is plasmodium and its type. Name disease and its transmission.
- (xix) What is Fungus? Give properties.
- (xx) Classify fungus.
- (xxi) What do you understand by STD? Name diseases and their causative organism.
- (xxii) What are phagocytic cells?
- (xxiii) Write three precautions during blood transfusion.
- (xxiv) What is cautery and its use?
- (xxv) What is sterilization?
- (xxvi) What is Disinfection?
- (xxvii) What is normal flora? Name areas of body where it is present.
- (xxviii) What is Immunity and its type?
- (xxix) What is scrubbing?
- (xxx) What is draping?
- (xxxi) Name some chemicals used for sterilization.

## SECTION – C (Marks 30)

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

(2 x 15 = 30)

- Q 3.**
- a. Draw and label a bacterial cell. Give function of each part.
  - b. Classify bacteria according to Oxygen Requirement.
- Q 4.** What is KOCH's postulate? Write a note on Tetanus.
- Q 5.** Give principal and function of Autoclave.