

2010

Roll No. 

Answer Sheet No. \_\_\_\_\_

Sig. of Candidate. \_\_\_\_\_

Sig. of Invigilator. \_\_\_\_\_

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## OPERATION THEATRE TECHNIQUES HSSC-II

### SECTION – A (Marks 20)

**Time allowed: 25 Minutes**

**NOTE:-** Section-A is compulsory and comprises pages 1-2. All parts of this section are to be answered on the question paper itself. It should be completed in the first 25 minutes and handed over to the Centre Superintendent. Deleting/overwriting is not allowed. Do not use lead pencil.

**Q. 1** Circle the correct option i.e. A / B / C / D. Each part carries one mark.

- (i) Which of the following is **CORRECT** regarding kidneys?
- A. Kidneys do not produce hormones      B. Located retroperitoneal  
C. Supplied by lumbar arteries              D. Left kidney is lower than right
- (ii) Which of the following is **CORRECT** regarding Thyroid gland?
- A. Thyroid arteries are branches of vertebral arteries  
B. Thyroid moves upward with swallowing  
C. Produces parathyroid hormones  
D. It has three lobes and an isthmus
- (iii) What is the position of the patient during Appendicectomy?
- A. Lithotomy                                      B. Supine  
C. Prone    D. Supine with neck flexed
- (iv) What is the position of the patient during Thyroidectomy?
- A. Supine with neck flexed                      B. Supine with neck flexed to 180°  
C. Supine with neck extended                  D. None of these
- (v) What is the position of the patient during Hemorrhoidectomy?
- A. Prone    B. Supine  
C. Prone jack knife                                D. Reverse Trendelenberg
- (vi) Where is Appenix found commonly?
- A. Pre ileal      B. Post ileal      C. Retrocecal      D. None of these
- (vii) Which of the following instruments are **Not** found in General Surgery set?
- A. Sponge holding forceps                      B. Moris retractors  
C. Towel Clips                                      D. Right angle retrators
- (viii) Which of the following is **Not** an ENT surgery?
- A. Mastoidectomy      B. Septoplasty      C. Tonsillectomy      D. Adenoidectomy
- (ix) What is **True** about Kelamine?
- A. Most commonly used anesthetic agent      B. Inhaled anesthetic agent  
C. Intravenous anesthetic agent                  D. Free of side effects
- (x) What is the method used to sterilize endoscopes?
- A. Autoven    B. Autoclave  
C. Ethylene oxide                                      D. Chemically sterilized

DO NOT WRITE ANYTHING HERE

- (xi) Which of the following statements is **Incorrect** regarding Allie's forceps?
- Used to hold tough fascias
  - Allie's and Babcock forceps have the same uses
  - Included in general surgery set
  - None of these
- (xii) What does Anesthesia mean?
- Absence of pain sensation
  - Absence of sensory sensation
  - Absence of motor sensations
  - None of these
- (xiii) Which of the following is an important investigation before anaesthesia to 30 years old lady?
- Unconjugated bilirubin level
  - Hb
  - ECG
  - C reactive protein level
- (xiv) Which of the following is common incision for Appendectomy?
- (R) paramedian
  - (L) paramedian
  - Grid iron incision
  - None of these
- (xv) What is **True** about Vicryl?
- Non-absorbable suture
  - Absorbable suture but having severe tissue reaction
  - Gets absorb in 10 days
  - None of these
- (xvi) Which of the following is commonly used non-absorbable suture?
- Prolene
  - Steel
  - Vicryl
  - Polydioxone
- (xvii) Which of the following drip should be infused to a severely dehydrated patient because of gastro-entritis?
- 5% Dextrose water
  - 10% Dextrose water
  - Ringer lactate
  - Hemacel
- (xviii) Which of the following viral infection is caused by un-sterilized instruments?
- Hepatitis C
  - Hepatitis A
  - Hepatitis E
  - Tuberculosis
- (xix) Which of the following method is commonly used to sterilize OT articles and instruments?
- Autoclave
  - Autoven
  - Boiling method
  - Chemical method
- (xx) Which of the following statements is **CORRECT** regarding Operation Theatre?
- Should be located on the ground floor
  - Should have single door for entry and exit
  - Should be cleaned weekly
  - Should be at the top floor and at start of corridor

For Examiner's use only:

Total Marks:

20

Marks Obtained:

— 2HA-1045 —

# OPERATION THEATRE TECHNIQUES HSSC-II

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) Describe grid iron incision for Appendectomy.
- (ii) List the instruments in Appendectomy trolley.
- (iii) List the instruments in Cholecystectomy.
- (iv) Name various incisions for Cholecystectomy.
- (v) Name the method of sterilization for:
  - a. Gloves
  - b. Linen
  - c. Artery forceps
  - d. Sutures
  - e. Syringes
- (vi) Name the people constituting operating department.
- (vii) Name position of patient for the following surgeries:
  - a. Thyroidectomy
  - b. Hemorroidectomy
  - c. TURP
  - d. Open Prostatectomy
  - e. Appendectomy
- (viii) Name five commonly performed ENT surgeries.
- (ix) Name five absorbable sutures.
- (x) Name five non-absorbable sutures.
- (xi) Describe the features of operation theatre.
- (xii) What is Pre-op preparation of anesthesia?
- (xiii) Name various inhalational and intravenous anesthetic agents.

## SECTION – C (Marks 30)

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

- Q. 3** Describe anatomy of thyroid gland in detail.
- Q. 4** Describe the steps for open cholecystectomy.
- Q. 5**
  - a. Describe the steps for appendectomy.
  - b. Define various kinds of flexible endoscopes.
- Q. 6** What will you do with poly trauma patient of a road accident if you are alone in emergency?
- Q. 7** What are the features of an ideal OT? What is operating department?