



Roll No.

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

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

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

29

## 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) Upper end of Ureter is called:
- |                |             |
|----------------|-------------|
| A. Hilum       | B. Pelvis   |
| C. Ureterocele | D. Mucocele |
- (ii) Human heart has \_\_\_\_\_ chambers:
- |      |      |
|------|------|
| A. 5 | B. 4 |
| C. 3 | D. 6 |
- (iii) Into which chamber of heart does the Oxygenated blood from lungs flow?
- |                       |                   |
|-----------------------|-------------------|
| A. Left Atrium        | B. Left ventricle |
| C. Truncus Arteriosus | D. Right Atrium   |
- (iv) Muscles attach to bones through:
- |              |                      |
|--------------|----------------------|
| A. Tendons   | B. Connective tissue |
| C. Ligaments | D. Fibres            |
- (v) Thyroid gland is located:
- |                         |                        |
|-------------------------|------------------------|
| A. Behind the trachea   | B. In front of trachea |
| C. Behind the esophagus | D. In abdomen          |
- (vi) Which of the following is the largest vein?
- |                       |                             |
|-----------------------|-----------------------------|
| A. Aorta              | B. Superior Mesenteric vein |
| C. Inferior Vena cava | D. Cephalic vein            |
- (vii) Pituitary gland is located in:
- |            |                            |
|------------|----------------------------|
| A. Neck    | B. Retroperitoneal tissues |
| C. Abdomen | D. Brain                   |
- (viii) Deoxygenated blood from Heart finally flows into lungs through:
- |                    |                       |
|--------------------|-----------------------|
| A. Right atrium    | B. Inferior vena cava |
| C. Right ventricle | D. Superior vena cava |
- (ix) Which of the following is an absorbable suture?
- |            |                   |
|------------|-------------------|
| A. Prolene | B. Nylon          |
| C. Silk    | D. Chromic catgut |
- (x) Which of the following positions will be used for Lumbar Laminectomy?
- |                     |                   |
|---------------------|-------------------|
| A. Supine           | B. Lateral        |
| C. Sitting position | D. Prone position |
- (xi) Fibre optic Endoscope will be sterilized by:
- |                    |                           |
|--------------------|---------------------------|
| A. Autoclave       | B. Dry heat sterilization |
| C. Gamma radiation | D. Chemical sterilization |
- (xii) Thoracic Surgeon will perform surgeries on:
- |            |            |
|------------|------------|
| A. Chest   | B. Brain   |
| C. Abdomen | D. Kidneys |

- (xiii) Which of the following agents will be used for induction of Anesthesia?
- |               |                  |
|---------------|------------------|
| A. Isoflurane | B. Halothane     |
| C. Propofol   | D. Suxamethonium |
- (xiv) Which of the following positions will be used for Hemorrhoidectomy?
- |                     |              |
|---------------------|--------------|
| A. Prone Jack Knife | B. Prone     |
| C. Lateral          | D. Lithotomy |
- (xv) Which of the following is an inhalational Anesthetic agent?
- |                |             |
|----------------|-------------|
| A. Sevoflurane | B. Ketamine |
| C. Atracurium  | D. Valium   |
- (xvi) Which of the following is standard open Cholecystectomy incision?
- |                       |                        |
|-----------------------|------------------------|
| A. Grid iron incision | B. Kocher's incision   |
| C. Lanz incision      | D. Transverse incision |
- (xvii) U-slab will be given in:
- |                      |                     |
|----------------------|---------------------|
| A. Fracture Radius   | B. Fracture Femur   |
| C. Fracture patellae | D. Fracture Humerus |
- (xviii) Which of the following is an orthopedic surgery?
- |                 |                          |
|-----------------|--------------------------|
| A. DHS fixation | B. Back slab application |
| C. TURP surgery | D. C-section             |
- (xix) Which of the following positions is used for Appendicectomy?
- |            |              |
|------------|--------------|
| A. Lateral | B. Prone     |
| C. Supine  | D. Semiprone |
- (xx) Which of the following is an important post operative monitoring equipment?
- |                      |                       |
|----------------------|-----------------------|
| A. Pulse oximetre    | B. Defibrillator      |
| C. Diathermy machine | D. Anesthesia machine |

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**For Examiner's use only:**

**Total Marks:**

**20**

**Marks Obtained:**



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

- (i) Write a short note on Tendon.
- (ii) Write down the hormones of Anterior Pituitary.
- (iii) Write down the names of first five cranial nerves.
- (iv) Write a short note on blood supply of Thyroid gland.
- (v) Write down four incisions for Appendicectomy.
- (vi) What precautions will be taken if Hepatitis-C positive patient is to be operated?
- (vii) Write down the names of five Urological surgeries.
- (viii) Write a short note on first aid of a polytrauma patient.
- (ix) Name five Absorbable sutures.
- (x) Write down properties of prolene1 suture.
- (xi) Write down the properties of an ideal operation theatre.
- (xii) Write down the inhalational Anesthetic agents.
- (xiii) Write a short note on the role of O.T Technician.

## SECTION – C (Marks 30)

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

- Q. 3** Describe the anatomy of heart.
- Q. 4** Write down the steps of open Cholecystectomy.
- Q. 5** Write down the steps of Appendicectomy.
- Q. 6** What is pre-op and post-op care of patient undergoing general Anesthesia?
- Q. 7** Write down the parts and functions of Anesthesia machine.