**QP Code: 0TT301**

**B. Sc Operation Theatre Technology 3rd Year**

# (BF/2023/04)

#### Introduction to Operation Theatre Technology

###### M.M.: 80 Time: 3 Hours

**Note: 1.) *Attempt all questions.***

 **2.) ATTEMPT BOTH PARTS IN SINGLE ANSWER BOOK ONLY.**

**3.) NO SUPPLEMENTARY SHEET SHALL BE ALLOWED/ PROVIDED**

**4.) *The Student must write Q.P. Code in the space provided on the Title page of the Answer Book.***

**Section-A**

1. **Write about the following**. (All the five questions are compulsory) [5x5=25]

 a. Complications of cautery

 b. Operation theatre fumigation

 c. Hand rubbing technique

 d. Anaesthetic gases

 e. Methods of intubation

2. **Attempt any one. Both questions carry equal marks.**

a. Explain in detail pre-operative check list and post operative case. [15]

OR

b. Explain in detail about disinfection procedures for operation theatre. [15]

**Section -B**

3. **Write about the following**. (All the five questions are compulsory) [5x5=25]

 a. Premedication drugs

 b. Cardio pulmonary resuscitation

 c. Ethical issues in operation theatre

 d. Care of suction apparatus

 e. Universal precautions

4. **Attempt any one. Both questions carry equal marks.**

a. Describe instruments tray setup for caesarean section under spinal anaesthesia. [15]

OR

b. Describe basic care of boyle’s apparatus. [15]

------------------

**QP Code: 0TT302**

**B. Sc Operation Theatre Technology 3rd Year**

# (BF/2023/04)

#### Operation Theatre Technology - Clinical

###### M.M.: 80 Time: 3 Hours

**Note: 1.) *Attempt all questions.***

 **2.) ATTEMPT BOTH PARTS IN SINGLE ANSWER BOOK ONLY.**

**3.) NO SUPPLEMENTARY SHEET SHALL BE ALLOWED/ PROVIDED**

**4.) *The Student must write Q.P. Code in the space provided on the Title page of the Answer Book.***

**Section-A**

1. **Write about the following**. (All the five questions are compulsory)

 [5x5=25]

a. Ideal technique of setting up of instruments trolley for exploratory laparotomy

 b. Sterilization of laparoscopic instruments.

 c. CUSA

 d. How to prepare trolley for ICD?

 e. Different zones of Operation Theatre

2. **Attempt any one. Both questions carry equal marks.**

a. What are the different types of GI staplers used in surgery? [15]

OR

b. How will you position, prepare patient posted for Modified Radical Mastectomy for Ca Breast. [15]

**Section -B**

3. **Write about the following**. (All the five questions are compulsory)

 [5x5=25]

a. Sterilization of ophthalmic instruments.

 b. Positioning indication and preparation when the patient is operated in supine position

 c. Write a note on CSSD

 d. Handling and sterilization of Operation Microscope

e. Preparation and Positioning of patient for cystoscopy

4. **Attempt any one. Both questions carry equal marks.**

a. Patient is planned for CBD Exploration. How will you prepare and position the patient and what are the various instruments required for surgery. [15]

OR

b. Patient is planned for Abdominoperineal Resection. How will you prepare, position the patient and what are the various instruments required for the surgery? [15]

---------------------

**QP Code: 0TT303**

**B. Sc Operation Theatre Technology 3rd Year**

# (BF/2023/04)

#### Operation Theatre Technology - Applied

###### M.M.: 80 Time: 3 Hours

**Note: 1.) *Attempt all questions.***

 **2.) ATTEMPT BOTH PARTS IN SINGLE ANSWER BOOK ONLY.**

**3.) NO SUPPLEMENTARY SHEET SHALL BE ALLOWED/ PROVIDED**

**4.) *The Student must write Q.P. Code in the space provided on the Title page of the Answer Book.***

**Section-A**

1. **Write about the following**. (All the five questions are compulsory) [5x5=25]

a. Management of biomedical waste from HIV positive patient

 b. Sterilization of ICU

 c. Types of consent

 d. Parenteral nutrition in ICU patient

 e. Surgical scrub procedure

2. **Attempt any one. Both questions carry equal marks.**

a. Describe commonly used crystalloid i/v fluids in surgery. Write in detail about Ringer lactate. [15]

OR

b. Write about instruments used for craniotomy. [15]

**Section -B**

3. **Write about the following**. (All the five questions are compulsory)

 [5x5=25]

 a. Spinal anaesthesia

 b. Maintenance of optical instruments

 c. Disadvantages of total parenteral nutrition

 d. Folly’s catheterization procedure

 e. Steps of checking anaesthesia ventilation

4. **Attempt any one. Both questions carry equal marks.**

a. Describe proper care of laparoscopic instruments and Endo camera and monitor. [15]

OR

b. Enumerate the instruments you will keep in difficult intubation set and how will you select the correct number endo tracheal tube. [15]

---------------------

**QP Code: 0TT304**

**B. Sc Operation Theatre Technology 3rd Year**

# (BF/2023/04)

#### Operation Theatre Technology - Advanced

###### M.M.: 80 Time: 3 Hours

**Note: 1.) *Attempt all questions.***

 **2.) ATTEMPT BOTH PARTS IN SINGLE ANSWER BOOK ONLY.**

**3.) NO SUPPLEMENTARY SHEET SHALL BE ALLOWED/ PROVIDED**

**4.) *The Student must write Q.P. Code in the space provided on the Title page of the Answer Book.***

**Section-A**

1. **Write about the following**. (All the five questions are compulsory)

 [5x5=25]

a. Discuss about setting trolley for Spinal Lumber Anaesthesia

b. Discuss position, instruments and sutures used in open Appendicectomy

c. Describe preoperative preparation and instruments required in DNS surgery

d. How will you handle biomedical waste Orthopedic O.T?

e. Discuss about Laminar flow and Clean air concept in O.T.

2. **Attempt any one. Both questions carry equal marks.**

a. Describe in detail the Preparation, Position, Instruments and Sutures required in Total Hip Replacement surgery. [15]

OR

b. Describe in detail the Preparation, Position, Instruments and Sutures required in Superficial Parotidectomy. [15]

**Section -B**

3. **Write about the following**. (All the five questions are compulsory)

 [5x5=25]

a. Describe the Preparation, Position, Instruments and Sutures required in Eyelid Reconstruction

b. Describe the postoperative care of Tonsillectomy surgery

c. Describe the Preparation, Position, Instruments and Sutures required in creating Arteriovenous Fistula in CKD patients.

d. Describe Preparation, Position, Instruments and Sutures used in Herniorrhaphy.

e. How will you prepare underwater seal for intercostal Tube Drainage and precautions to be taken while shifting the patient to ward?

4. **Attempt any one. Both questions carry equal marks.**

a. Discuss the various instruments and sutures used in Caesarean section. [15]

OR

b. Describe in detail the Preparation, Position, Instruments and Sutures required in Modified Radical Mastectomy for Breast Cancer. [15]

---------------------