

BLDE (DEEMED TO BE UNIVERSITY)

7/24

B.Sc. in Operation Theatre Technology

[Time: 3 Hours]

[Max. Marks: 80]

III SEMESTER

PAPER - I (Introduction to Operation Theatre)

QP CODE: 8345

Your answer should be specific to the questions asked.

Write Question No. in left side of margin.

Long Questions

10X1 = 10 Marks

1. Monitoring of Pre-operative, intro-operative and post-operative

Short Essays: (Any – 8)

5 X 8 = 40 Marks

2. Fumigation of OT
3. Types and uses of cautery
4. Scrubbing gowning and gloving
5. Waste segregation and disposable in operation theatre
6. Emergency intubations trolley things
7. Face mask and Ambubag
8. Types and uses of needle holder
9. Duties of nurses
10. Pre-operative consent

Short Answers: (Any – 10)

3 X 10 = 30 Marks

11. Care of sharp instruments
12. Uses of hot air oven
13. Uses of Allis forceps
14. Lithotomy position
15. Chemical sterilization
16. Indications of nasal intubation
17. Types and uses of BP handle
18. Mention only types of blood groups.
19. What is endotracheal tube and its uses?
20. Pulse oximeter
21. Name four powered surgical instruments.

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III SEMESTER

PAPER - II (Introduction to Anaesthesia Technology)

QP CODE: 8346

Your answer should be specific to the questions asked.

Write Question No. in left side of margin.

Long Questions

10X1 = 10 Marks

1. Define Central Sterile Services Department (CSSD). Discussed about the objectives planning and functioning of CSSD

Short Essays: (Any – 8)

5 X 8 = 40 Marks

2. Gowning Technique
3. Universal precautions
4. Tray setup for Laparotomy
5. Discuss about the Postoperative care
6. Discuss about the Operating Room
7. Electro Cautery
8. Ethical and Legal issues in operation theater
9. Gloves Technique
10. Surgical Trolley setup for Hernia Operation

Short Answers: (Any – 10)

3 X 10 = 30 Marks

11. Define surgical Asepsis
12. Endoscopy Unit
13. Qualities and Role of OT staff
14. Criteria of Preoperative management
15. CPR (Cardio Pulmonary Resuscitation)
16. Ideal Dressings
17. Methods of Sterilization
18. Role of operative theater Assistant
19. Hand Washing Technique
20. Operation Trolley setup for hemorrhoidectomy
21. Role of OT Technician

5/04/2024

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[Time: 3 Hours]

[Max. Marks: 80]

III SEMESTER

PAPER - III (Principles of Anaesthesia)

QP CODE: 8347

Your answer should be specific to the questions asked.

Write Question No. in left side of margin.

Long Questions

10X1 = 10 Marks

1. Write in detail about Boyle's Anesthesia machine and its safety features.

Short Essays: (Any – 8)

5 X 8 = 40 Marks

2. Write in detail about complications of intubation.
3. Explain different kinds of IV fluids with their composition and uses.
4. Write in detail about complications of spinal anesthesia.
5. Explain in Brief about colour code of IV cannula and their uses.
6. Explain Sterilization of Anaesthesia Equipments.
7. Explain in brief about Hazards of Blood Transfusion.
8. Describe steps of positioning for induction of anesthesia.
9. Write in detail about Indications and complication of blood transfusion.
10. Write in detail about ET tube.
11. Explain indication and contraindication of general anesthesia.

Short Answers: (Any – 10)

3 X 10 = 30 Marks

12. Describe Intravenous Anesthetic Agents.
13. Enlist a few inhalation induction agents.
14. Write in detail about ASA grading.
15. Describe indication for inhalation induction.
16. Write in detail about Parts of Laryngoscope.
17. Explain about uses of endotracheal intubation.
18. Explain Pin index system.
19. Explain the uses of face mask.
20. Explain in brief about surgical anesthesia
21. Explain Liver function Test.

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Chaitesh Kumar

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[Time: 3 Hours]

III SEMESTER

PAPER - IV (ATOT Directed Clinical Education I)

QP CODE: 8348

Your answer should be specific to the questions asked.

Write Question No. in left side of margin.

Long Questions

10X1 = 10 Marks

1. Define regional anesthesia. Discuss about various types of regional anesthesia.

Short Essays: (Any – 8)

5 X 8 = 40 Marks

2. Spinal anesthesia.
3. Surgical Suite
4. Role and Responsibility OT Technician
5. Autoclave
6. Asepsis
7. Pre-operative Care
8. Goal directed therapy for high risk patients
9. Transfer and patient setup to operation table.
10. Electro Cautery

Short Answers: (Any – 10)

3 X 10 = 30 Marks

11. Complications of blood transfusion
12. Uses of Ryle's Tube
13. Task of anaesthetist during anaesthesia.
14. Name three drugs used in local anaesthesia.
15. Steps of hand washing
16. Write 3 non absorbable suture material.
17. Write size of CSSD
18. Disinfection
19. Role of Nurse in Draping
20. Ideal Dressing
21. Inform consent