

7/24

BLDE (DEEMED TO BE UNIVERSITY)

B.Sc. in Operation Theatre Technology

[Max. Marks: 80]

[Time: 3 Hours]

V SEMESTER

PAPER - I (Basics of Surgical Procedure)

QP CODE: 8545

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 different positioning of patients for operation.

Short Essays: (Any – 8)

5 X 8 = 40 Marks

2. Define Blood transfusion. Write a note on different complications associated with it.
3. Write in brief about any five operating room equipments.
4. Electro cautery
5. Write a note on tracheostomy.
6. Amputation. Discuss about various lower limb amputations
7. Write a note on methods of male and female sterilization.
8. Define Traction. What are its principle and purposes?
9. Define lumbar puncture. What are the indication and contraindications?
10. Define surgical wounds. What are the types of surgical wounds?

Short Answers: (Any – 10)

3 X 10 = 30 Marks

11. Complications of thyroidectomy
12. Define disinfection. Discuss about various types of disinfection
13. Indications for circumcision
14. Post-operative respiratory complications
15. Write different types of hemorrhage
16. Endotracheal intubation
17. Write a note surgical drains
18. Define draping. What are the purposes of draping?
19. Name any five suturing techniques.
20. Define casts. What are the purposes of casts?
21. Pre-operative preparation of patient for GIT surgery

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V SEMESTER

PAPER - II (CSSD Procedures)

QP CODE: 8546

Your answer should be specific to the questions asked.

Write Question No. in left side of margin.

Long Questions

10X1 = 10 Marks

1. CSSD PROCEDUES

Short Essays: (Any – 8)

5 X 8 = 40 Marks

2. Gaseous sterilization
3. Levels of disinfection
4. Prevention of hazards of sterilization
5. FUMIGATION OF OT
6. Plasma sterilization
7. ETO sterilization
8. Purpose of sterilization
9. Boiling Method
10. Precautions to be taken during sterilization

Short Answers: (Any – 10)

3 X 10 = 30 Marks

11. New method of sterilization
12. Fumigation Method
13. Chemical sterilization
14. Disinfection
15. Wet sterilization
16. Hydrogen peroxide
17. Autoclave
18. Hot air oven
19. Glutaraldehyde
20. Principles of sterilization
21. Sterilization by radiation

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5/07/2024

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V SEMESTER

PAPER - III (Advanced Anaesthetics Techniques)

QP CODE: 8547

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 methods

Short Essays: (Any – 8)

5 X 8 = 40 Marks

2. Different breathing system.
3. Hand washing technique and steps of donning and doffing.
4. Energy devices.
5. Components of Basic life support.
6. Deep vein thrombosis – complications and prevention.
7. Care of patient in recovery room.
8. Principles of sterilization and disinfection.
9. Different positioning of the patient for surgeries.
10. Peri operative care of patient

Short Answers: (Any – 10)

3 X 10 = 30 Marks

11. List few inhalational anesthetic agents.
12. Blood spillage protocol.
13. Clinical assessment and management of fever post operatively.
14. Adverse reaction during blood transfusion.
15. Prevention and control of healthcare associated infections.
16. Define biomedical waste and describe different colour coding.
17. PPE – Personal protective equipment.
18. AED.
19. Informed consent.
20. Euthanasia.
21. Brief note on NABH.

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V SEMESTER

PAPER - IV (ATOT Directed Clinical Education III)

QP CODE: 8548

Your answer should be specific to the questions asked.

Write Question No. in left side of margin.

Long Questions

10X1 = 10 Marks

1. Types of fluids and their chemical composition and indication

Short Essays: (Any – 8)

5 X 8 = 40 Marks

2. Infusion pump
3. Circulatory shock
4. ASA grading
5. Hospital colour codes
6. Calculation of dosage of IV Fluid
7. PPR
8. Note on colloids
9. Pin index system
10. Normal values recording of ECG

Short Answers: (Any – 10)

3 X 10 = 30 Marks

11. Modes of ventilator
12. Collection of blood
13. Circulatory shock.
14. Various ECG leads and their placements
15. Activities for controlling infection in OT
16. Hand washing technique
17. Tourniquet
18. Technique for maintaining an airway
19. Pulse oxymeter
20. Post needle prophylaxis
21. CPR