

BLDE (DEEMED TO BE UNIVERSITY)

B.Sc. in Operation Theatre Technology

2/2/26
PM
[Max. Marks: 80]

[Time: 3 Hours]

IV SEMESTER

PAPER - I (Basic Techniques of Anaesthesia)

QP CODE: 8445

Your answer should be specific to the questions asked.

Write Question No. in left side of margin.

Long Questions

10X1 = 10 Marks

1. Define sterilization. Discuss about the various methods of sterilization.

Short Essays: (Any – 8)

5 X 8 = 40 Marks

2. Preparation of patient for anaesthesia.
3. Hand washing technique
4. Artificial airways
5. Zones of operative theatre
6. Intravenous regional anaesthesia.
7. PACU-Post Anaesthesia Care Unit.
8. Infusion and syringing pumps
9. Role and responsibilities of OT technician
10. Bain's Breathing circuits

Short Answers: (Any – 10)

3 X 10 = 30 Marks

11. Traid of balanced anaesthesia
12. Types of endotracheal tubes
13. Endoscopy unit
14. Use of face mask
15. Colour codes of various gas cylinders
16. Artificial airways
17. Components of operating table
18. Five clinical criteria for recovery
19. Name three inhalational Anaesthetics drugs
20. oxygen tent
21. Activities for controlling the infection in OT.

BLDE (DEEMED TO BE UNIVERSITY)

B.Sc. in Operation Theatre Technology

[Time: 3 Hours]

[Max. Marks: 80]

IV SEMESTER

PAPER - II (Medical Disease Influencing Choice of Anaesthesia)

QP CODE: 8446

Your answer should be specific to the questions asked.

Write Question No. in left side of margin.

Long Questions

10X1 = 10 Marks

1. Write a note on hypertension. Describe in brief about the complications.

Short Essays: (Any – 8)

5 X 8 = 40 Marks

2. Describe Myocardial infarction
3. Describe Valvular heart disease
4. Describe Pneumonia
5. Describe Cerebral oedema and management
6. Describe Renal failure and renal function tests
7. Describe Metabolic acidosis and metabolic alkalosis
8. Describe LSCS
9. Describe Diabetes mellitus.
10. Describe Liver functions and LFT.

Short Answers: (Any – 10)

3 X 10 = 30 Marks

11. Describe SDH
12. Describe Obesity
13. Describe Asthma
14. Describe Hepatitis
15. Describe Hypocalcemia
16. Describe Pneumonia.
17. Describe Mitral stenosis.
18. Describe Hepatorenal syndrome
19. Describe Addison's Disease
20. Describe EDH
21. Describe SIADH

7/12/20
P107

BLDE (DEEMED TO BE UNIVERSITY)

B.Sc. in Operation Theatre Technology

[Time: 3 Hours]

[Max. Marks: 80]

IV SEMESTER

PAPER - III (Medicine Relevant to OT Technology)

QP CODE: 8447

Your answer should be specific to the questions asked.

Write Question No. in left side of margin.

Long Questions

10X1 = 10 Marks

1. Define biomedical waste management. discuss components of it and grading of waste by colour codes

Short Essays: (Any – 8)

5 X 8 = 40 Marks

2. Halothane
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 -GDT
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 Ryles 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

9/7/26
309

BLDE (DEEMED TO BE UNIVERSITY)

B.Sc. in Operation Theatre Technology

[Time: 3 Hours]

[Max. Marks: 80]

IV SEMESTER

PAPER - IV (ATOT Directed Clinical Education II)

QP CODE: 8448

Your answer should be specific to the questions asked.

Write Question No. in left side of margin.

Long Questions

10X1 = 10 Marks

1. Write a note on airway management technique. Enumerate complications of endotracheal intubation.

Short Essays: (Any – 8)

5 X 8 = 40 Marks

2. Describe Immediate post-operative complication.
3. Describe Blood transfusion – complications and management.
4. Describe Perioperative fluid therapy.
5. Describe Analgesic delivery system.
6. Describe Non-invasive radiologic procedure.
7. Describe ABG
8. Describe Laryngeal Mask Airway
9. Describe CPR
10. Describe ASA Score

Short Answers: (Any – 10)

3 X 10 = 30 Marks

11. Describe Blood grouping
12. Describe Tachycardia.
13. Describe Types of endotracheal tube.
14. Describe Tourniquets.
15. Describe Informed consent.
16. Describe Colour coding of dustbins.
17. Describe Role of OT technicians.
18. Describe Role of CSSD.
19. Describe Parts of laryngoscope.
20. Describe Colour code of IV canula.
21. Different position of patient on operating table.