

SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH
(A DEEMED TO BE UNIVERSITY)

B.Sc. Operation Theatre Technology Third Year Semester-V
February 2020 Examination

Time : 2.30 Hrs.

[Max. Marks : 80]

PAPER-I

OPERATION THEATRE TECHNOLOGY - CLINICAL

Q.P Code : J5170

*Your answers should be specific to the questions asked.
Draw neat labelled diagrams wherever necessary.*

LONG ESSAY

2X10=20 Marks

1. What is the fire triangle? List the source of ignition
2. What are the sterilization methods ? Write on steam sterilization

SHORT ESSAY(Answer any six)

6X5=30 Marks

3. Define sterilization.
4. Define autoclaving.
5. Define disinfection.
6. Bioburden .
7. Transmission of cross infection.
8. Write respiratory isolation method.
9. Write physical method of boiling.
10. Write about radiation methods of sterilization.

SHORT ANSWERS (Answer any ten)

10X3=30marks

11. Define cap and glove technique
12. Define asepsis
13. Define thermal sterilization
14. Define chemical sterilization
15. Droplet infection
16. Carbolization
17. Fumigation
18. Define operative room emergency
19. Transition
20. Sterilization packing
21. Define radiation sterilization
22. Post operative ward.

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PAPER-II

Operation Theatre Technology Applied

Q.P Code : J5180

*Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary.*

Long Essay

2 X 10=20 Marks

1. Explain spinal anaesthesia its uses and complications.
2. Classify muscle relaxant and write a note on non-depolarizing muscle relaxants

Short Essay (Answer Any Six)

6 X 5=30 Marks

3. Preparation of spinal tray
4. Computer tomography (CT)
5. ECHO
6. Complete haemogram
7. Types of ultrasound probe & its uses
8. Mention few endoscopic procedures
9. Brachial plexus block
10. WTG Morton

Short Answers (Answer Any ten)

10 X 3=30 Marks

11. Adjuvants used for Spinal Anaesthesia
12. Different methods of anaesthesia in incisional hernia patient
13. Mention few complication of General Anaesthesia
14. Sevoflurane
15. Colour coding of O₂ and N₂O cylinder
16. Types of spinal needle
17. Types of anesthesia for TURP
18. Name some crystalloids
19. Capnography
20. Suction catheters
21. Name some opioids
22. Drugs used for spinal anaesthesia.

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PAPER-III

Operation Theatre Technology - Advanced
Q.P Code : J5190

Your answers should be specific to the questions asked.
Draw neat labelled diagrams wherever necessary.

LONG ESSAY

2 X 10 = 20 Marks

1. Explain about preparation for laproscopic assisted vaginal hysterectomy – O.T preparation and patient preparation
2. Precaution during surgery of HIV positive patient

SHORT ESSAY (Answer any six)

6 X 5 = 30 Marks

3. Types of suture materials
4. How do you set a trolley for supra pubic prostatectomy
5. Nursing requirement in OT
6. Enumerates various instruments used for caesarean section operation
7. Air embolism.
8. Define natural methods of sterilization.
9. Define anaesthesia technique in laproscopic appendicectomy.
10. Write about the tray set up for ureteric calculi surgery.

SHORT ANSWERS (Answer any ten)

10 X 3 = 30 Marks

11. Write about lithotomy position
12. Choice of anaesthesia in laproscopic inguinal hernia repair
13. Position of patient in IVDP
14. Preparation of patient posted for exploratory laparotomy
15. Maintenance and care for suction machine.
16. Suture materials.
17. Sterilization of laproscopic instruments.
18. Dressing material and their uses.
19. Mannitol.
20. Fracture table.
21. K-wire.
22. Prolene.

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