

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

B.Sc. Allied Health Sciences Third Year (Semester-V)
Operation Theater Technology (OTT)
Examination June - 2014

Time : 3 Hrs.

Max. Marks : 100]

PAPER – I

Operation Theater Technology-Clinical

Q.P Code : AHS-121

Your answers should be specific to the questions asked.

Draw neat labelled diagrams wherever necessary.

LONG ESSAY (Answer any Two)

2 X 10 = 20 Marks

1. Potential sources of injury to the patient in operation theatre and its precaution.
2. Write in brief about radiation and chemical hazards.
3. Define physical layout of operation theatres.

SHORT ESSAY (Answer any Ten)

10X 5 = 50 Marks

4. Define hand washing technique.
5. Define disinfection and decontamination.
6. Define sterilization and its types.
7. Write about of role of theatre assistance.
8. Define CSSD procedure of formalities.
9. Write about Pre-operative room and monitoring.
10. Define emergency medicality.
11. Difference about medical and surgical asepsis.
12. Explain universal precaution.
13. Explain about post operative room.
14. Explain sterilization of anaesthesia circuits and equipments.
15. Special procedure room.

SHORT ANSWERS (Answer any Ten)

10 X 3 = 30 Marks

16. Define cap and glove technique.
17. Defines asepsis.
18. Define thermal sterilization.
19. Define chemical sterilization.
20. Droplet infection.
21. Carbolization.
22. Fumigation.
23. Define operative room emergency.
24. Transition.
25. Sterilization packing.
26. Define radiation sterilization.
27. Operative table.

B.Sc. Allied Health Sciences Third Year (Semester-V)

Operation Theater Technology (OTT)

Examination June - 2014

Time : 3 Hrs.

Max. Marks : 100]

PAPER-II

Operation Theater Technology - Applied

Q.P Code : AHS-122

Your answers should be specific to the questions asked.

Draw neat labelled diagrams wherever necessary.

LONG ESSAY (Answer any Two)

2 X 10 = 20 Marks

1. What are the different types of Anaesthesia and describe General Anaesthesia in detail?
2. Describe in detail the pre operative preparation of a patient undergoing surgery?
3. Describe special problems associated with Anaesthesia in the radiology department?

SHORT ESSAY (Answer any Ten)

10X 5 = 50 Marks

4. W.T.G. Morton.
5. Drugs used for inhalation Anaesthesia. Describe nitrous oxide.
6. Drugs used for intravenous Anaesthesia. Describe Inj. thipentone sodium?
7. What are the things kept ready in a tray for spinal Anaesthesia?
8. Describe the various use of ultrasonography.
9. Indications and complications of General Anaesthesia.
10. Describe Oxygen manifold.
11. Types of Endoscopic procedures and how do you sterilize endoscopes.
12. Name the muscle relaxants used for General Anaesthesia and describe Inj. Suxamethonium (Scoline).
13. What are the equipments used during endotracheal intubation.
14. Methods of regional Anaesthesia and various types of nerve blocks.
15. Balanced Anaesthesia.

SHORT ANSWERS (Answer any Ten)

10 X 3 = 30 Marks

16. Entonox.
17. Explain Epidural Anaesthesia.
18. Nitrous Oxide.
19. Uses of Inj. Ketamine.
20. Spinal Anaesthesia.
21. Name types of Anaesthesia given to the patients.
22. Monitors used during Anaesthesia.
23. Drugs used for intravenous Anaesthesia.
24. Central gas supply.
25. Precautions taken for oxygen cylinders.
26. What are the pre medication drugs given to the patients before surgery.
27. Describe various Intravenous fluids used during Surgery.

B.Sc. Allied Health Sciences Third Year (Semester-V)
Operation Theater Technology (OTT)
Examination June - 2014

Time : 3 Hrs.

Max. Marks : 100]

Paper – III

Operation Theater Technology - Advanced

Q.P Code : 123

Your answers should be specific to the questions asked.

Draw neat labelled diagrams wherever necessary.

LONG ESSAY (Answer any Two)

2 X 10 = 20 Marks

1. How do you arrange a trolley for laparoscopic cholecystectomy, enumerate instruments name.
2. Precaution during surgery of HIV positive patient.
3. What is tracheostomy. How do you arrange instruments.

SHORT ESSAY (Answer any Ten)

10X 5 = 50 Marks

4. Types of sutures material.
5. How do you set a trolley for suprapubic prostatectomy?
6. Nursing requirement in OT.
7. Enumerates various instruments used for caesarean section operation.
8. Explain about Glasgow coma scale.
9. Positioning in neuro surgery.
10. Prevention of hepatitis B infection in O.T.
11. Ethilon.
12. Supine position surgeries.
13. Describe the sutures used in surgeries and their indication.
14. Describe various position of Orthopedics surgery.
15. Tray set up for uretric calculi.

SHORT ANSWERS (Answer any Ten)

10 X 3 = 30 Marks

16. Write about lithotomy position.
17. Choice of Anaesthesia in laproscopic inguinal hernia repair.
18. Position of Patient in IVDP.
19. Preparation of patient posted for exploratory laprotomy.
20. Different method of Anaesthesia in umbilical hernia patient.
21. Position for DHS.
22. Write about purpose of operation bed.
23. Write about the protection of patient in surgery.
24. Anaesthesia technique in neurosurgery.
25. Dressing material and their uses.
26. Various techniques of Anaesthesia for percutaneous nephro lithotripsy.
27. Post operative care.