

SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH

(A DEEMED TO BE UNIVERSITY)

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

October - 2016 Examination

B.Sc. Operation Theatre Technology (OTT)

Time: 3 Hrs.

Paper – I

[Max. Marks: 100]

Operation Theatre Technology- Clinical

Q.P. Code: AHS-121

Your answers should be specific to the questions asked.

Draw neat labelled diagrams wherever necessary.

LONG ESSAY

2 X 10 = 20 Marks

1. How do you keep the OR ready for Whipple's surgery?
2. How do you position the patient for thyroidectomy? What are the complications of this position?

SHORT ESSAY (Answer any Ten)

10X 5 = 50 Marks

3. Airway fires with the use of LASER.
4. Chlorhexidine.
5. Trendelenberg position.
6. Trolley for major abdominal surgery.
7. Positioning for total esophagectomy.
8. Basic principles of ultrasonography.
9. Micro instruments in ENT surgery.
10. Incision for open cholecystectomy.
11. What are the methods to feed a patient who cannot take food by mouth?
12. Write a note on abdominal retractors.
13. Suction machine.
14. How do you prepare for liver resection?

SHORT ANSWERS (Answer any Ten)

10 X 3 = 30 Marks

15. Abdominal mops.
16. Cautery plate.
17. Infusion pumps.
18. Position for laparoscopic appendicectomy.
19. Microdochoectomy.
20. Alternatives to electrocautery.
21. Complications of lithotomy.
22. Operating table for bariatric surgery.
23. Betadine.
24. Describe gloving.
25. Vascular clamps.
26. Instrument care products.

SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH

(A DEEMED TO BE UNIVERSITY)

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

October - 2016 Examination

B.Sc. Operation Theatre Technology (OTT)

Time : 3 Hrs.

Paper – II

[Max. Marks : 100]

Operation Theatre 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. Discuss in brief the things you will check for in the operation theatre before induction of anaesthesia. Briefly write indications of endotracheal intubation.
2. Indications of blood transfusion and adverse effects of blood transfusion.
3. How will you prepare a patient for lumbar subarachnoid block.

SHORT ESSAY (Answer any Ten)

10X 5 = 50 Marks

4. Airway equipments.
5. Side effects of succinyl choline.
6. Pin index safety system for N₂O and O₂.
7. LMA.
8. Neostigmine.
9. Capnography
10. Magills forceps.
11. Ketamine.
12. Sevoflurane.
13. Sodalime.
14. Face masks.
15. Modified J-R circuit.

SHORT ANSWERS (Answer any Ten)

10 X 3 = 30 Marks

16. Name three amide local anaesthetics.
17. Name three non depolarizing muscle relaxants.
18. Advantages of premedication.
19. Routine monitoring devices used in a hernia patient.
20. Reservoir bag.
21. Mention three routine investigations.
22. Three methods to prevent heat loss for the patient in operation theatre.
23. Enumerate three important methods to check position of endotracheal tubes.
24. Three situations where we use rapid sequence intubation.
25. Name three opioid agonist drugs.
26. Colour coding for isoflurane.
27. RAE tube types and uses.

SRI DEVARAJ URS ACADEMY OF HIGHER EDUCATION & RESEARCH

(A DEEMED TO BE UNIVERSITY)

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

October - 2016 Examination

B.Sc. Operation Theatre Technology (OTT)

Time : 3 Hrs.

Paper – III

[Max. Marks : 100]

Operation Theatre Technology- Advanced

Q.P. Code : AHS-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 prepare the OT for cardiac surgery. Describe heart lung machine.
2. How do you prepare the OT for organ procurement and transplantation.
3. How do you prepare the OT for a ophthalmic surgery and also the various problems encountered.

SHORT ESSAY (Answer any Ten)

10X 5 = 50 Marks

4. Describe Oculo- cardiac reflex.
5. How will you prepare the OT for thyroid surgery.
6. Describe care of intercostal drainage tubes.
7. Describe the instruments to be kept ready for cardiac surgeries.
8. Post operative complications of thyroid surgery.
9. Describe tonsillar position.
10. How will you prepare the OT for plastic surgery procedures.
11. Duties of OT Assistant during eye surgeries.
12. Post operative complications after tonsil operation.
13. Monitors in the OT used during cardiac surgery.
14. How will you prepare the OT for Tonsil operation.
15. How will you prepare the OT for vascular surgeries.

SHORT ANSWERS (Answer any Ten)

10 X 3 = 30 Marks

16. Post operative complications after head and neck operation.
17. What are the instruments to be kept ready for organ transplantation.
18. Name the instruments to be kept ready for thyroid surgery.
19. Post operative complications after cardiac surgeries.
20. Intercostal drainage tube.
21. Name the head and neck procedures done in the OT.
22. What are the instruments to be kept ready for Vascular surgeries.
23. Post operative complications after organ transplantation.
24. Describe the instruments to be kept ready for plastic and reconstructive surgeries.
25. Problems faced during Eye surgery.
26. Heart lung machine.
27. Write briefly about Intra Ocular pressure.