

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

B.Sc. Allied Health Sciences Third Year Semester-VI
July/August 2019 Examination
B.Sc. Operation Theatre Technology

Time : 2.30 Hrs.

[Max. Marks : 80]

PAPER-I

Operation Theatre Technology Clinical

Q.P Code : J6200

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

Long Essay

2 X 10=20 Marks

1. How you will prepare the OT and position in the patient for elective LSCS .what are the advantages of giving spinal anesthesia in LSCS.
2. Different types of wounds and the method of treatment how you will you prepare a suturing tray.

Short Essay (Answer any Six)

6 X 5=30 Marks

3. Care of OT table
4. Universal precautions.
5. Surgical drain.
6. Sterilization of syringes.
7. Different types of endoscopes.
8. Circulating nurse.
9. Use of ultrasound in OT.
10. Use of putting a bandage.

Short Answers (Answer any ten)

10 X 3=30 Marks

11. Catgut.
12. Saddle block.
13. Name three plastic surgical procedures commonly done.
14. Three drugs in emergency tray. Three different types of endoscopes.
15. Three different types of endoscopes.
16. Three vasopressor drugs used after spinal anesthesia.
17. The surgeries done under trendelenberg position
18. Three use of ultrasound in operation theatre.
19. Three laser surgeries done in OT.
20. Precautions for collecting blood sample for ABG.
21. Two surgeries done in prone position.
22. Scalpel or surgical knife

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PAPER-II

Operation Theatre Technology Applied

Q.P Code : J6210

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Draw neat labeled diagrams wherever necessary.

Long Essay

2 X 10 = 20 Marks

1. Describe various positioning's in spinal anaesthesia precautions taken for prone position.
2. Describe in detail the pre Op preparation of patient undergoing emergency caesarean Section.

Short Essay (Answer any Six)

6 X 5 = 30 Marks

3. Classify Muscle Relaxants and write two examples of each.
4. Difficult airway cart.
5. Choice of anaesthesia for TURP.
6. Enumerate few intraop changes seen in patient under spinal anaesthesia.
7. Brachial Plexus block.
8. Write a note on blood products.
9. Precautions to be taken before and during blood transfusion.
10. Preparation of spinal tray.

Short Answers (Answer any ten)

10 X 3 = 30 Marks

11. Atropine.
12. Bougie.
13. Touhy's Needle.
14. Mention color coding of O₂, N₂O and CO₂ Cylinder.
15. Jackson Rees Circuit.
16. Serum Electrolytes.
17. Treatment of hypovolemic Shock.
18. Effects of tourniquet.
19. Vasopressors.
20. Drugs need in Cardiac arrest.
21. Frusemide.
22. Sodium bicarbonate.

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PAPER-III

Operation Theatre Technology Advanced

Q.P Code : J6220

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

Long Essay

2 X 10=20 Marks

1. Write in brief how you will get a theatre ready for a renal transplant recipient .
2. How will you prepare the OT and assist anaesthesiologist for (ORIF MAXILLA)open reduction and internal fixation of fracture maxilla with limited mouth opening .

Short Essay (Answer any Six)

6 X 5=30 Marks

3. Post operative nausea and vomiting (PONV)
4. Pulmonary aspiration
5. Post operative shivering
6. Double lumen tubes
7. Three uses of capnogram in general anaesthesia
8. Rules of nine in burns
9. Describe double lumen endotracheal tube
10. One lung ventilation

Short Answers (Answer any Ten)

10 X 3=30 Marks

11. How will you check Ryles tube position
12. Three common neurosurgical procedures done in OT
13. Three reasons for intraoperative hypoxia
14. Three common respiratory complications following GA
15. Postdural puncture headache
16. Special care of sharp instruments
17. Name two vasoconstrictor drugs commonly used following spinal anaesthesia
18. Three precautions during ophthalmic surgeries under general anaesthesia
19. Three postoperative complications thyroid surgery
20. Commonly done kidney function tests to rule out renal failure
21. WTG Morton
22. Three complications following massive blood transfusion

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