

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

**B.Sc. Allied Health Sciences Third Year Semester-VI**  
September 2021 Examination

**B.Sc. Anesthesia & 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 do you keep the OR ready for whipple's surgery
2. How do you position the patient for thyroidectomy ? what are the complication of this position

**Short Essay (Answer any Six)**

**6 X 5=30 Marks**

3. Airway fires with the use of LASER
4. Chlorohexidine
5. Trendelenberg position
6. Trolley for major abdominal surgery
7. Position for total esophagectomy
8. Basic principle of ultrasonography
9. Microinstruments in ENT surgery
10. Incision for open cholecystomy

**Short Answers (Answer any ten)**

**10 X 3=30 Marks**

11. Abdominal mops
12. Cautery plate
13. Infusion pumps
14. Position for laproscopic appendectomy
15. Microdochoectomy
16. Alternative to electrocautery
17. Complications of lithotomy
18. Operating table for bariatric surgery
19. Betadine
20. Describe gloving
21. Vascular clamps
22. Instruments care products



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PAPER-II

**Operation Theatre Technology Applied**

**Q.P Code : J6210**

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

**Long Essay**

**2X10 = 20 Marks**

1. Enumerate safety features in anaesthesia machine
2. Describe the pre op preparation of OT & patient for emergency laparotomy

**Short Essay (Answer any Six)**

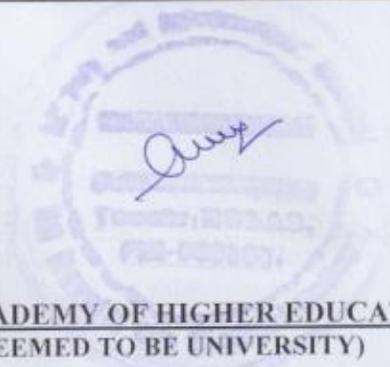
**6 X 5=30 Marks**

3. Rapid sequence induction and its indications and complications
4. Discuss the components of low pressure system in machine
5. Draw a neat labelled diagram of Classical LMA and mention the parts of it
6. Recognition and management of anaesthetic reaction
7. Hypoxia and its types management of hypoxic hypoxia
8. Routine investigations in pediatric patients
9. Describe the complications and management of the same in epidural anaesthesia
10. Intra op problems seen in the hypertensive patients

**Short Answers (Answer any ten)**

**10 X 3=30 Marks**

11. Venturi mask
12. Uses of Magills forceps
13. Importance of nerve stimulator
14. Propofol infusion syndrome
15. Adverse effects of adrenaline
16. Uses of adding adrenaline to local anesthetics
17. Uses of calcium gluconate
18. Opioids used as anaesthetic adjuvants
19. Disadvantages of hypothermia in pediatric patient
20. Effects of Pneumoperitoneum in laparoscopic surgery
21. Flexometallic tubes
22. Pin Index safety system.

  
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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 down the name and function of lower respiratory tract
2. Explain the position and complications during thyroid surgeries.

**Short Essay (Answer any Six)**

**6 X 5=30 Marks**

3. Describe care of intercostal drainage tubes.
4. Describe tonsillar position.
5. How will you prepare the OT for vascular surgeries.
6. Describe the instruments to be kept ready for cardiac surgeries.
7. Post op complication for thyroid surgery.
8. How will you prepare the OT for tonsil operation.
9. How will you prepare the OT for plastic surgery procedures.
10. Duties of OT assistant during eye surgeries.

**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 complication following GA
15. Postdural puncture head ache
16. Special care of sharp instruments
17. Name two vassopressor drugs commonly used following spinal anaesthesia
18. Three precautions during ophthalmic surgeries under general anaesthesia
19. Three post operative complications thyroid surgery
20. Commonly done kidney function tests to rule out renal failure
21. WTG Morton
22. Three complication following massive blood transfusion