

**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 prepare the OT for abdominal surgery. Describe the various instruments used.
- 2 Describe different types of electrocautery, its functions, hazards and the precautions to be taken ?

**Short Essay (Answer any Six)**

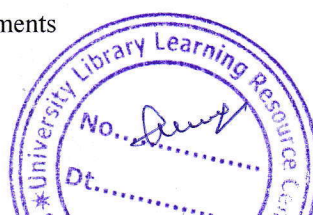
**6 X 5=30 Marks**

3. Describe in detail about powered surgical instruments
4. What are the various type of breast procedure done and describe in detail the instruments used in breast surgeries.
5. How do you prepare OT for a pancreatic procedure and the instruments used.
6. Describe briefly about fabrication of instruments
7. Write briefly about allies tissue forceps and needle holder
8. How do you prepare the OT for a splenic procedure and the instruments used.
9. Describe the various uses of ultrasonography in OT.
10. How do you prepare the OT for a liver procedure and the instruments used.

**Short Answers (Answer any ten)**

**10 X 3=30 Marks**

11. Write briefly about instruments used in splenic procedures
12. How do you prepare & drape the patient in OT.
13. Microsurgery.
14. Instruments used in splenic procedures.
15. Instruments used in esophageal procedures.
16. Precaution to be taken for a electrocautery in the OT.
17. Write briefly about instruments used in liver procedure.
18. Describe the parts of laparoscope which is used in laparoscopic surgery
19. Describe briefly LASER.
- 20 Write briefly about handling instruments
21. Write briefly about fabrication of the instruments used in pancreatic procedure.
22. Write briefly about specialized surgical instruments



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



**B.Sc. Allied Health Sciences Third Year Semester-VI**  
**September 2022 Examination**

**B.Sc. Anesthesia & Operation Theatre Technology**

**Time : 2.30 Hrs.**

**[ Max. Marks : 80]**

**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. Components of Anaesthesia machine describe in detail regarding high pressure system
2. Describe various techniques used for upper limb surgery. How do you prepare the patient for supraclavicular block

**Short Essay (Answer any Six)**

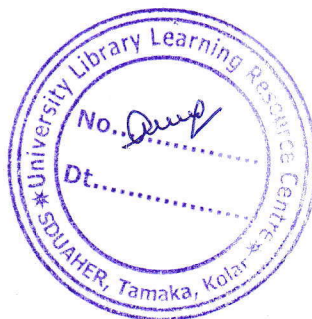
**6 X 5=30 Marks**

3. NPO guidelines
4. Monitored anaesthesia care
5. Blood pressure monitoring
6. Bronchospasm and management
7. Carbon dioxide absorbents
8. Enumerate the reversal agents and discuss about neostigmine
9. Describe epidural anaesthesia
10. Define general anaesthesia and its components

**Short Answers (Answer any ten)**

**10 X 3=30 Marks**

11. Anxiolytics
12. Central Gas supply
13. Induction of Endotracheal intubation
14. Fentanyl
15. Bleeding time and clotting time
16. Wrist block
17. Pressure reducing valves
18. Entanox
19. Temperature monitoring
20. Bronchodilators
21. Face masks
22. Antiemetic drugs



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



**B.Sc. Allied Health Sciences Third Year Semester-VI**  
**September 2022 Examination**

**B.Sc. Anesthesia & Operation Theatre Technology**

**Time : 2.30 Hrs.**

**[ Max. Marks : 80]**

**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. How will you lay a trolley for tonsillectomy .what is post tonsillectomy position
2. How will 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. How will you prepare the OT for vascular surgeries
4. How will you prepare the OT for thyroid surgery
5. Describe care of intercostal drainage tubes
6. Describe the instruments to be kept ready for cardiac surgeries
7. Post-operative complications of thyroid surgery
8. Describe tonsillar position
9. How will you prepare the OT for plastic surgery procedure
10. Duties of OT assistant during eye surgeries

**Short Answers (Answer any ten)**

**10 X 3=30 Marks**

11. Write briefly about intra ocular pressure
12. What are the instruments to be kept ready for organ transplantation
13. Name the instruments to be kept ready for thyroid surgery
14. Post-operative complications after cardiac surgeries
15. Intercostal drainage tube
16. Name the head and neck procedure done in the OT
17. What are the instruments to be kept ready for vascular surgeries
18. Post-operative complications after organ transplantation
19. Describe the instruments to be kept ready for plastic and reconstructive surgeries
20. Problems faced during eye surgery
21. Heart lung machine
22. Post-operative complications after head and neck operations

