

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

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

B.Sc. Anesthesia & Operation Theatre Technology

Time: 2.30 Hrs.

[Max. Marks: 80]

Operation Theatre Technology Clinical PAPER-I

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. Different types of wound and the method of treatment of wound. How will you prepare a Suturing tray
2. How will you prepare the OT and assist an anaesthesiologist for an emergency LSCS. List the Instruments used during LSCS.

Short Essay (Answer any Six)

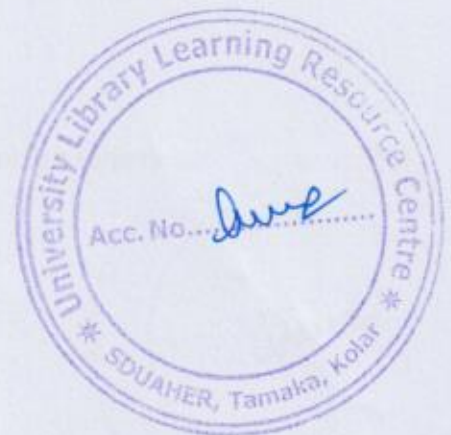
6 X 5=30 Marks

3. Methods to stop bleeding during surgery (haemostasis).
4. Preparation of skin before operation.
5. T-Bandage.
6. Types of iv fluids used during surgery.
7. Uses of ultrasound in theatres.
8. TURP
9. Different types of endoscopies.
10. Surgical drain.

Short Answers (Answer any ten)

10 X 3=30 Marks

11. Indications of caudal block
12. Circulating nurse.
13. Three elements from which surgical instruments are fabricated.
14. Cat gut.
15. Surgical needles –different types.
16. Collecting an ABG.
17. Incision and drainage (I and D)
18. Colour coding of isoflurane, sevo and halothane.
19. Boyle's davis mouth gauge .
20. Care of endoscopies.
21. Two surgeries done with the help of laser.
22. List three advantages of laser surgery.



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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 do you prepare OT for cardiac surgery? Describe heart lung machine
2. How do you prepare the OT for ophthalmic surgery and also various problems encountered?

Short Essay (Answer any Six)

6 X 5=30 Marks

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

Short Answers (Answer any ten)

10 X 3=30 Marks

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

