

**Rajiv Gandhi University of Health Sciences, Karnataka**  
**III Year B.Sc. Operation Technology Degree Examination – 27-May-2025**

**Time: Three Hours**

**Max. Marks: 100 Marks**

**OPERATION THEATRE TECHNOLOGY – ADVANCED – PAPER-III (RS-3)**

**Q.P. CODE: 3410**

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

**LONG ESSAYS (Question No.2 Choice)**

**2 x 10 = 20 Marks**

1. Describe Laproscopic Cholecystectomy
2. What are various types of anaesthesia? What are the Guedel's stages of anaesthesia? Explain endotracheal intubation

**OR**

Write the physical preparation and draping of the site of surgery

**SHORT ESSAYS (Question No.5 & 10 choice)**

**10 x 5 = 50 Marks**

3. Urinary Catheterisation
4. Lithotomy
5. Write the position of patient during lower gastro intestinal procedures

**OR**

Write the benefits of preoperative stoppage of smoking

6. Write a note on total knee replacement
7. Mention the care you will take for a baby delivered by caesarean section
8. Tourniquet
9. Write the drugs used to reduce intracranial pressure
10. Discuss Cholecystectomy and various laproscopic instruments required

**OR**

What are the instruments required for Craniotomy? Mention the indications

11. Write the preparation of a contaminated wound for surgery
12. Write the handling of laproscopic instruments

**SHORT ANSWER (Question No. 15 & 20 choice)**

**10 x 3 = 30 Marks**

13. Propofol
14. Classify suture materials
15. Artery forceps

**OR**

Different types of laryngoscopes

16. Write the instruments used for cutting long bones in orthopaedic surgeries
17. Write the management of post spinal hypotension
18. Colonoscopy
19. Components of anaesthesia machine
20. What is the treatment of bronchospasm?

**OR**

What is the technique of sterilization of endoscopes?

21. Syringe pumps
22. Which are the surgeries that can be done as a day care surgery?

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