

Rajiv Gandhi University of Health Sciences  
II Year B.Sc. Operation Theatre Technology Degree Examination

Time: Three Hours

Max. Marks: 100 Marks

Introduction to Anaesthesia & OT Technology (RS-3)

Q.P. CODE: 3407

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. Enumerate various blood grouping systems. Explain in brief the indications of blood transfusion. Briefly list the various complications of blood transfusion.
2. Discuss the physical methods of sterilization.  
**OR**  
Discuss in details the intraoperative patient monitoring.

SHORT ESSAYS (Question No.5 & 10 choice)

10 x 5 = 50 Marks

3. Complications of general anaesthesia.
4. Premedications and their uses.
5. Classify muscle relaxants. Explain in detail about nondepolarising muscle relaxants.  
**OR**  
Classify intravenous induction agents. Explain in detail about Thiopentone sodium.
6. Lateral position of patient.
7. Definition of CSSD, functions of CSSD.
8. Alcohols as sterilization agents.
9. Briefly describe the instruments set up for hemorrhoidectomy case.
10. OT sterilization.  
**OR**  
Safety equipments in OT- lead apron, goggles etc
11. Duties of nurses in OT.
12. Contraindications of epidural anaesthesia.

SHORT ANSWER (Question No. 15 & 20 choice)

10 x 3 = 30 Marks

13. Bougie.
14. Laryngeal Mask Airway (LMA).
15. Succinyl choline.  
**OR**  
Adrenaline.
16. List three tissue holding instruments.
17. Quinke's needle.
18. What are the wastes discarded in red bin in OT?
19. Gamma radiation.
20. List three absorbable suture materials.  
**OR**  
List three non absorbable suture materials.
21. Lignocaine – Different preparation.
22. Bier's block.

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