

Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.Sc Operation Theatre Technology Degree Examination – 03-Jun-2024

Time: Three Hours

Max. Marks: 100 Marks

OPERATION THEATRE TECHNOLOGY – APPLIED- PAPER-II (RS-3)

Q.P. CODE: 3409

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. Care of anaesthetized patient under general anaesthesia in OT.
2. Hazards of blood transfusion and blood products. Write the components of blood and collection of samples.

OR

How is temperature monitored in adults and infants inside the OT management of Hypothermia and causes?

SHORT ESSAYS (Question No.5 & 10 choice)

10 x 5 = 50 Marks

3. Classification of local anesthetics. Discuss its complications.
 4. Pulse oxymetry – Normal wave form, principle and uses.
 5. Non-depolarizing muscle relaxants.
- OR**
- Formation and circulation of CSF.
 6. Name various inhalational agents and describe briefly about isoflurane.
 7. Emergency intubation of patient in ICU.
 8. Setting of difficult intubation trolley.
 9. Describe normal capnogram with labelled diagram.
 10. Describe the anatomy of larynx with diagram.

OR

Name intravenous fluids and describe any two.

11. Complications of general anaesthesia in detail.
12. How do you assess the airway of patient?

SHORT ANSWER (Question No. 15 & 20 choice)

10 x 3 = 30 Marks

13. Adjustable pressure limit valve.
 14. Prone positions complications.
 15. Ambu bag.
- OR**
- Scavenging system.
 16. Ethylene oxide.
 17. Blood products.
 18. Boyles machine safety measures.
 19. Video laryngoscopy.
 20. Oral Ring Adair Elwin (RAE).

OR

LMA

21. Diathermy.
22. Epidural needle.
