

Rajiv Gandhi University of Health Sciences, Karnataka
II Year B.Sc. Anaesthesia Technology & Operation Theatre Technology
Degree Examination – 26-Dec-2022

Time: Three Hours

Max. Marks: 100 Marks

Introduction to Anaesthesia & OT Technology

Q.P. CODE: 3391

Your answers should be specific to the questions asked.

Draw neat labeled diagrams wherever necessary

LONG ESSAYS (Answer any two)

2 x 10 = 20 Marks

1. Describe various safety features in anaesthesia machine.
2. Describe monitoring of patient in operation theatre undergoing major surgery.
3. Write brief history of spinal anaesthesia. Mention various indications, contra-indications and complications of spinal anaesthesia.

SHORT ESSAYS (Answer any ten)

10 x 5 = 50 Marks

4. American Society of Anesthesiology (ASA) classification.
5. Nasopharyngeal airway.
6. Thiopentone.
7. CPR (Cardio Pulmonary Resuscitation).
8. Bains circuit.
9. Hot air oven.
10. Explain two gas laws with examples.
11. Mallampatti grading.
12. Halothane.
13. Various positions given to patient in OT.
14. Classification of muscle relaxants with examples.
15. Oxygen therapy and devices used to deliver it.

SHORT ANSWER (Answer any ten)

10 x 3 = 30 Marks

16. Hydroxyethyl starch (HES).
17. Pulse oxymetry.
18. Throat pack – Indications and advantages.
19. Ether Day.
20. Indications of BP monitoring.
21. Types of ET tubes.
22. Three emergency drugs and its uses.
23. Chemical sterilization.
24. Capnography.
25. Types of spinal needles.
26. Colour coding of cylinders.
27. Colour coding for Bio medical waste disposal.
