

**Rajiv Gandhi University of Health Sciences, Karnataka
II Year B.Sc. Allied Health Sciences Degree Examination – 06-Nov-2025**

Time: Three Hours

Max. Marks: 100 Marks

**Medicine Relevant to OT Technology (RS-3)
(Anaesthesia Technology and Operation Technology)
Q.P. CODE: 3270**

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. Classify Arrhythmias and discuss about their management.
2. Explain in detail about coronary heart diseases.

OR

Discuss in detail about non-invasive and invasive monitoring in the operation theatre.

SHORT ESSAYS (Question No.5 & 10 choice)

10 x 5 = 50 Marks

3. Bronchial asthma.
4. Inotropic agents.
5. Precautions during intra hospital transfer of patients.

OR

Urinary tract infections.

6. Intra operative anaesthesia record.
7. MALLAMPATTI grading of the Airway.
8. Management of intra-operative hypotension.
9. Colour coding and pin index in medical gas supply.
10. Renal failure.

OR

Glasgow coma scale.

11. Septic shock.
12. Urinary tract infections.

SHORT ANSWER (Question No. 15 & 20 choice)

10 x 3 = 30 Marks

13. Challenges of anaesthesia in elderly patients.
14. Ayre's t-piece.
15. Adult respiratory distress syndrome.

OR

Cardiomyopathy.

16. Hypertensive emergencies.
17. Parts of laryngoscope.
18. Propofol.
19. Succinyl choline.
20. Physiological changes in obesity.

OR

Airway problems in obese patients.

21. Endotracheal tubes.
22. Diabetic nephropathy.
