

**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.

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