Rajiv Gandhi University of Health Sciences, Karnataka

Third Year B.Sc. Anaesthesia Technology & Operation Theatre Technology Degree Examination – 04-Nov-2026

Time: Three Hours **Max. Marks: 100 Marks**

Anaesthesia & OT Technology – Advanced -PAPER-III

Q.P. CODE: 3395

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. What are the types of blood transfusion and their complications?
2. Discuss the indications of mechanical ventilation? Explain modes of mechanical ventilation in detail
3. What is hypothermia? Name the various sites to monitor core body temperature. Mention three drugs that can be used to prevent / treat shivering

SHORT ESSAYS (Answer any ten) **10 x 5 = 50 Marks**

4. Emergency codes in hospital
5. Glasgow coma scale
6. Non-invasive cardiac monitoring
7. Initial management of the trauma patient
8. Urinary catheterization
9. Neuromuscular blocking agents
10. Suctioning the airway
11. Face masks type, size and its usage
12. Brief description of arrhythmias
13. Clinical evaluation, types and management of cyanosis
14. Laryngoscope types
15. Mixed venous oxygen saturation

SHORT ANSWER (Answer any ten) **10 x 3 = 30 Marks**

16. Basic life support
17. Oxygen therapy devices
18. Nasopharyngeal airway
19. What is the ethical dilemma of managing critically ill patients?
20. Intensive spirometry
21. Skin wounds
22. Patient safety during transport
23. Vital signs
24. Flow meters
25. Seizures
26. Neurological monitoring
27. Sedation score

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