

Rajiv Gandhi University of Health Sciences, Karnataka
III Year B.Sc. Anaesthesia Technology & Operation Theatre Technology
Degree Examination – 11-May-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. Explain organisational and triage issues in mass casualty incidents. How do you prepare the operation theatre and critical care units for the same?
2. Explain in detail management of status asthmaticus. Discuss the mechanism of action of various antiasthmatic agents.
3. Discuss in detail management of Burns injury.

SHORT ESSAYS (Answer any ten)

10 x 5 = 50 Marks

4. Recovery from general anaesthesia.
5. Weaning from mechanical ventilation.
6. Drugs used in ICU for inotropic support.
7. Post anaesthesia care unit.
8. Preparation of OT for a paediatric inguinal hernia – repair surgery.
9. Pulmonary oedema.
10. Preparation of OT for Thoracic surgery.
11. NIV (Non Invasive Ventilation).
12. Haemorrhagic shock.
13. Sepsis clinical features and management.
14. Preparation of OT for vaginal hysterectomy.
15. Post Dural Puncture Headache (PDPH).

SHORT ANSWER (Answer any ten)

10 x 3 = 30 Marks

16. Hand washing.
17. Bladder care.
18. Glasgow coma scale.
19. Causes and prevention of deep vein thrombosis.
20. Oxygen Flush.
21. Aspiration prophylaxis.
22. Adrenaline.
23. Nasopharyngeal airway.
24. Intubating LMA.
25. Total intravenous anaesthesia.
26. Defibrillator.
27. Anti arrhythmic drugs.
