

**Rajiv Gandhi University of Health Sciences, Karnataka**  
**III Year B.Sc. Anaesthesia Technology & Operation Theatre Technology Degree**  
**Examination – 31-Oct-2025**

**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. List the indications for feeding tube placement. Describe the procedure and complications of Ryle's tube insertion.
2. Define universal precautions. Explain the various universal precautions to be followed by health care workers.
3. List the causes of blunt injury abdomen. Explain the clinical features, diagnosis and management of blunt abdominal trauma.

**SHORT ESSAYS (Answer any ten)**

**10 x 5 = 50 Marks**

4. Clinical features and complications of burns.
5. Briefly explain the concept of primary survey for a trauma patient.
6. Define surgical site infections. Classify the surgical site infections.
7. Glasgow coma scale.
8. Describe the setting up of a defibrillator.
9. List three clinical features to suspect cervical spine injury. Explain the precautions to be taken while transporting the patient with cervical spine injury.
10. Explain the concepts of BLS (Basic Life Support).
11. Non invasive ventilation.
12. Care of central venous lines.
13. List the indications and complications of tracheostomy.
14. DNR/ DNI.
15. Explain the setting up of emergency drug trolley.

**SHORT ANSWER (Answer any ten)**

**10 x 3 = 30 Marks**

16. Triage.
17. Hand hygiene.
18. Indications for total parenteral nutrition.
19. List three antiarrhythmics.
20. Name three transfusion reactions and its management.
21. Name three blood products.
22. Name three indications for urinary catheterization.
23. Eye care in ICU patients.
24. Expand FASTHUG.
25. Indications for temporary cardiac pacemakers.
26. Informed consent.
27. Tracheostomy care.

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