

**Rajiv Gandhi University of Health Sciences, Karnataka**  
**Third Year B.Sc. Anaesthesia Technology & Operation Theatre Technology Degree**  
**Examination – 27-Nov-2024**

**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. Discuss tracheotomy-procedure, indications and complications
2. Surgical site infections – classification, diagnosis and management
3. Explain noninvasive and invasive cardiovascular monitoring in detail

**SHORT ESSAYS (Answer any ten)**

**10 x 5 = 50 Marks**

4. Secondary and tertiary triage of the trauma patient
5. Burns injury
6. Feeding tube placement
7. Hand hygiene
8. ACLS
9. Maintenance requirement of fluids
10. Define Asepsis. Explain the significance of medical and surgical asepsis
11. Types of airway devices
12. Oxygen toxicity
13. Informed consent
14. Ambu bag
15. External disaster management in hospitals

**SHORT ANSWER (Answer any ten)**

**10 x 3 = 30 Marks**

16. Supraglottic airways
17. Defibrillator
18. Mention the types of hypoxia
19. Etco<sub>2</sub>
20. Significance of isolating patients
21. Chest physiotherapy
22. Alarm setting of ventilator
23. Inotropic support
24. Status epilepticus
25. Indications of Et tube indications
26. Bed sore management
27. Airway suctioning

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