

Rajiv Gandhi University of Health Sciences, Karnataka
III Year B.Sc. Anaesthesia Technology & Operation Theatre Technology Degree
Examination – 29-Nov-2023

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 the approach to a patient with trauma. Explain in brief regarding the primary survey of the patient with trauma.
2. List the indications for central venous catheterization. Explain in brief the procedure of subclavian central line placement. List the complications of CVC placement.
3. Classify burns. Explain the clinical features of various degrees of burns. Write in brief the treatment of burns.

SHORT ESSAYS (Answer any ten)

10 x 5 = 50 Marks

4. Bed score – grading and management.
5. Treatment of severe asthma.
6. Diagnosis and treatment of status epilepticus.
7. Briefly explain the setting up of tracheostomy set.
8. Briefly describe the care of mechanically ventilated patient.
9. Explain the procedure for Foley's catheterization in a female patient.
10. Total parenteral nutrition – Indications and complications.
11. Substance abuse and withdrawal.
12. Approach to febrile patient in ICU.
13. List the blood components. List the indications for platelet and FFP transfusion.
14. Explain – a) Airway pressure monitoring b) CVP monitoring
15. Setting of Emergency airway equipment.

SHORT ANSWER (Answer any ten)

10 x 3 = 30 Marks

16. Magil's forceps.
17. Ryle's tube.
18. Malampatti score.
19. Laryngoscope.
20. Types of ET tube.
21. Capnography.
22. Inotropic support.
23. List three crystalloids.
24. Indications for autologous blood transfusion.
25. Status epilepticus.
26. Treatment of airway edema.
27. Antibiotic resistance.
