

Rajiv Gandhi University of Health Sciences, Karnataka
III Year B.Sc. Anesthesia Technology Degree Examination – 27-Nov-2024

Time: Three Hours

Max. Marks: 100

ADVANCED ANAESTHESIA TECHNOLOGY (RS-2)

Q.P. CODE: 2934

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. Define chronic renal failure. Enumerate the pathophysiological changes seen in a patient with renal failure. What are the indications for dialysis?
2. What is Ischemic Heart Disease (IHD)? Explain anaesthetic management of a patient with IHD posted for laparotomy
3. Enumerate physiological changes during pregnancy. Describe epidural analgesia for labor pain

SHORT ESSAYS (Answer any Ten)

10 x 5 = 50 Marks

4. APGAR score
5. Liver function tests
6. Bronchodilators and its use
7. Post Anaesthesia Care Unit (PACU)
8. Causes and management of intra operative hypotension
9. Functional residual capacity
10. Central Venous Pressure (CVP) monitoring
11. Status asthmatics
12. Complications of diabetes mellitus
13. Indications for double lumen tube
14. Complication of blood transfusion
15. Trans urethral resection of prostate syndrome (TURP)

SHORT ANSWERS (Answer any Ten)

10 x 3 = 30 Marks

16. Heparin
17. Mallampati scoring
18. Uses of pre medications
19. Hyperkalemia
20. Obstructive sleep apnea
21. Pulmonary function tests – Name three
22. Midazolam
23. Causes of intra operative hypothermia
24. Fentanyl
25. Capnography
26. Glassgow coma scale
27. Causes of difficult intubation
