

Rajiv Gandhi University of Health Sciences, Karnataka

II Year B.Sc. Anaesthesia Technology & Operation Theatre Technology Degree Examination – 06-Nov-2025

Time: Three Hours

Max. Marks: 100 Marks

Medicines Relevant to Anaesthesia & OT Technology

Q.P. CODE: 3392

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 etiology, types, clinical features, diagnosis and treatment of diabetes mellitus.
2. What are the causes of liver failure? Explain the clinical features, diagnosis and management of chronic liver failure.
3. Briefly explain the common ailments in elderly. List clinical challenges faced while operating on an elderly patient.

SHORT ESSAYS (Answer any ten)

10 x 5 = 50 Marks

4. Secondary hypertension and its management.
5. Clinical features of chronic renal failure.
6. Dietary changes in diabetes mellitus.
7. List various complications associated with pregnancy.
8. Explain the etiology of bronchial asthma, diagnosis and treatment in brief.
9. Acute coronary syndromes.
10. Complications of hypertension.
11. Clinical features of severe anemia and complications of anemia.
12. Classify stroke. Explain the management of acute hemorrhagic stroke.
13. What are the clinical features of acute subdural hematoma? Explain the treatment of acute SDH.
14. Explain the complications of obesity.
15. Crystalloids and colloids.

SHORT ANSWER (Answer any ten)

10 x 3 = 30 Marks

16. Uses of Mannitol.
17. Nitrates – Uses, dose and route of administration.
18. Three complications of blood transfusion.
19. Autologous blood transfusion.
20. Name three antiepileptics.
21. List the causes of congestive cardiac failure.
22. Mention the stages of labour.
23. Adult Respiratory Distress Syndrome (ARDS).
24. Hemodialysis.
25. Gestational diabetes.
26. Benefits of breast feeding.
27. Define jaundice. List three causes of jaundice.
