

# Rajiv Gandhi University of Health Sciences, Karnataka

Third Year B.Sc. Anaesthesia Technology Degree Examination – 29-Nov-2023

Time: Three Hours

Max. Marks: 100 Marks

## ANAESTHESIA TECHNOLOGY - ADVANCED – PAPER – III (RS-3)

**Q.P. CODE: 3273**

Your answers should be specific to the questions asked

Draw neat labeled diagrams wherever necessary

### LONG ESSAYS (Question No.2 Choice)

**2 x 10 = 20 Marks**

1. Define COPD. Briefly describe pathophysiology and treatment and anaesthetic implications
2. Physiological changes during pregnancy

**OR**

Risk factors for Ischemic Heart Disease and management strategies for patient posted for Laparotomy

### SHORT ESSAYS (Question No.5 & 10 choice)

**10 x 5 = 50 Marks**

3. Diabetic Ketoacidosis
4. Status epilepticus
5. Management of hypothyroid patient in Thyrotoxic crisis

**OR**

APGAR score and uses

6. DLT-double Lumen Tube
7. Pulmonary functions tests
8. Liver function tests
9. Obesity and anaesthesia
10. Define anemia and classify

**OR**

Define shock and classify

11. Modes of ventilation
12. Complications of spinal anaesthesia

### SHORT ANSWER (Question No. 15 & 20 choice)

**10 x 3 = 30 Marks**

13. Transport to ICU
14. Temperature monitoring
15. Positive end – Expiratory pressure

**OR**

Body mass index

16. Protamine
17. B Blockers
18. Treatment of Hyperkalemia
19. Oral Hypoglycemic drugs
20. Complications of central venous cannulation

**OR**

Myxedema coma

21. Aerosol therapy
22. Complications of blood transfusion

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