Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.Sc. Anesthesia Technology Examination – Feb / Mar 2012

Time: Three Hours | Max. Marks: 100 Marks

APPLIED ANAESTHESIA TECHNOLOGY

PAPER – II (RS)

Q.P. CODE: 2933

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. History of anaesthesia and types of anaesthesia
2. Volatile anaesthetics
3. Compare and contrast prancuronium and atracurium

SHORT ESSAYS (Answer any Ten) — **10 x 5 = 50 Marks**

4. Morphine
5. Propofol: indications, contraindications and side effect
6. Monitoring during anaesthesia and surgery
7. Types of hypoxia and management
8. Compare lignocaine and bupivacaine
9. Compare thiopentone and ketamine
10. Recovery room setup
11. Postoperative complication and management
12. Nitrous oxide
13. Vecuronium
14. Delayed recovery
15. Causes of tachycardia under anaesthesia

SHORT ANSWERS (Answer any Ten) — **3 x 10 = 30 Marks**

16. Name 4 accidents during anaesthesia
17. Name stage of Ether anaesthesia
18. Reversal agents
19. Name 4 causes of difficult intubation
20. Nerve blocks
21. Electrical injury
22. Causes of hypotension
23. Minimum alveolar concentration
24. Drugs used in CPR
25. Name 4 drugs acting on sympathetic nervous system
26. CPR
27. Heparin

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Rajiv Gandhi University of Health Sciences, Karnataka

III Year B.Sc. Anesthesia Technology Degree Examination – Feb / Mar 2012

Time: Three Hours | Max. Marks: 100 Marks

ADVANCED ANAESTHESIA TECHNOLOGY
(Revised Scheme)

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. Discuss Diabetes mellitus with special reference to organ dysfunction in long standing diabetes mellitus
2. Describe liver function tests
3. Describe issues in a 6 – months child with hydrocephalus for anaesthesia and surgery

HORT ESSAYS (Answer any Ten) **10 x 5 = 50 Marks**

4. Hypertensive crisis
5. Diagnosing myocardial ischemica in OT
6. Vital capacity
7. Renal function test
8. Thyrotoxicosis
9. Ventricular fibrillation
10. Pacemakers
11. Problems in laparoscopic surgery
12. Milrinone
13. Epidural anaesthesia
14. APGAR score
15. ECG monitoring

SHORT ANSWERS (Answer any Ten) **10 x 3 = 30 Marks**

16. Define obesity
17. Dopamine
18. Fentanyl
19. Thyroidectomy (surgical steps)
20. NIBP
21. Vecuronium
22. Asystole
23. Amiodorone
24. Post – spinal head ache
25. Septic shock (definition)
26. Lignocaine
27. Double lumen tube

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