

**Rajiv Gandhi University of Health Sciences, Karnataka**  
**II Year B.Sc. Anaesthesia Technology & Operation Theatre Technology Degree**  
**Examination – 28-Nov-2023**

**Time: Three Hours**

**Max. Marks: 100 Marks**

**Introduction to Anaesthesia & OT Technology**

**Q.P. CODE: 3391**

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. Name the different types of laryngoscopes and their features. Enumerate complications of endotracheal intubation.
2. Mention the components of circle system. Add a note on soda lime canister.
3. Describe in detail monitoring during anaesthesia.

**SHORT ESSAYS (Answer any ten)**

**10 x 5 = 50 Marks**

4. Patient positioning during anaesthesia and precautions taken.
5. Pin index system and DISS.
6. Types of airways.
7. Describe any two types of masks and mention advantages and disadvantages of each.
8. Intermediate pressure system.
9. Pulse oximetry and its uses.
10. Ambu bag.
11. Clinical signs of hypoxia.
12. Medical gas pipeline system.
13. Cylinder valves.
14. Extubation criteria.
15. Flow meters.

**SHORT ANSWER (Answer any ten)**

**10 x 3 = 30 Marks**

16. Cardiac monitoring.
17. Oxygen flush.
18. Name any two inhalational anaesthetics.
19. Pressure reducing valves.
20. Epidural set.
21. Hypothermia.
22. Nasal prongs.
23. Venturi mask.
24. WTG Morton.
25. Transportation of gas cylinders.
26. Bodok seal.
27. What is vapour pressure?

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