

**THE APOLLO UNIVERSITY**

**Saketa, Chittoor, AP**

**AHS- IV Semester End Examination, June, 2024**

**PAPER -II-AOTT 2505- PRINCIPLES OF ANAESTHESIA – II**

**Time: 3 hours**

**Max. Marks: 60**

**Section –A (10x2=20 marks)**

**Answer all Questions with Short Answers**

1. What are the key goals of general anesthesia during a surgical procedure?
2. Outline two methods used to monitor the depth of anesthesia during surgery.
3. What information is crucial to know about a patient's medication intake before anesthesia?
4. Why is it necessary to inquire about a patient's respiratory health before anesthesia?
5. Write a shot note on Liver function test.
6. Write a shot note Renal function test
7. Mention the advantages of premedication in the context of anesthesia.
8. List out the essential emergency drugs included in the anesthesia setup.
9. Recall the difference between crystalloids and colloids
10. Define the terms Hypoxia and Hypoxemia.

**Section –B (5X8=40 marks)**

**Answer all Questions either A or B in 400 words each**

11. A) Elaborate in detail about regional anesthesia and its types.

**OR**

B) Explain the indications and advantages of epidural, spinal anesthesia, and peripheral nerve block.

12. A) Discuss the relevance of personal history in determining anesthesia risks

**OR**

B) Discuss the impact of a comprehensive pre-anesthetic evaluation on postoperative recovery.

**Cont....**

13. A) Explain the components included in a CBC and their significance in preoperative evaluations

**OR**

B) Discuss the importance of renal function tests in preoperative evaluations, considering their impact on fluid balance, medication clearance, and perioperative care.

14. A) Elaborate on Informed Consent and the elements that constitute a comprehensive informed consent process before anesthesia.

**OR**

B) Discuss the significance of oxygen, nitrous oxide, and inhalational agents in anesthesia.

15. A) Write the patient evaluation methods and interventional procedures for chronic pain management.

**OR**

B) Discuss the pharmacological approach to alleviate chronic pain.

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