

PAPER CODE: AHS11010

**KALOJI NARAYANA RAO UNIVERSITY OF HEALTH SCIENCES
TELANGANA STATE, WARANGAL – 506 002**

**B.Sc. (Allied Health Sciences), SECOND YEAR DEGREE SUPPLEMENTARY EXAMINATIONS:
OCTOBER, 2025**

ANAESTHESIA TECHNOLOGY

PAPER I

**HISTORY OF ANAESTHESIA, APPLIED ANATOMY, PHYSIOLOGY AND
PHARMACOLOGY RELATED TO ANAESTHESIA TECHNOLOGY**

Time: 3 Hours

Max Marks: 80

Note: Draw diagrams wherever necessary with Black Ball point pen /HB pencil /any dark
Color pencil.

Write essay on any TWO of the following questions:

2 X 10 = 20

1. Describe anatomy and nerve supply of Larynx.
2. Describe anatomy of Spinal cord. What is cerebrospinal fluid (CSF)? Where is it produced? Describe the circulation of CSF.
3. Describe Coronary circulation. How is coronary blood flow autoregulated?

Write a short note on any FIVE of the following:

5 X 6 = 30

4. Inhalational Anaesthetic agents.
5. Write short note of different preparations of Lignocaine.
6. Indications of blood transfusion.
7. Methods of reduction of increased intracranial pressure (ICP).
8. Describe Lung volumes with diagram.
9. Portal circulation.

Write briefly on the following:

10 X 3 = 30

10. Normal saline.
11. Management of Hypotension.
12. August Bier.
13. Methergine.
14. Hyperkalaemia.
15. Halothane.
16. Noradrenaline.
17. Propofol.
18. Pneumothorax.
19. Hypoxic pulmonary vasoconstriction.
