

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

M.D/ M.S DEGREE SUPPLEMENTARY EXAMINATIONS: MARCH 2026

ANAESTHESIOLOGY

PAPER – I

Time: 3 Hours

Max Marks: 100

Note: Answer all questions.

Give Diagrammatic representation wherever necessary.

Write an essay on the following:

10 X 10 = 100

1. Describe the temperature regulation in human body. Enumerate the physiological and metabolic changes that occur during moderate hypothermia.
2. Classification of vaporizers.
3. Describe the anatomy of cardiac conduction system and discuss antiarrhythmic drugs.
4. Enumerate the causes of metabolic acidosis with anaesthesia management.
5. Failed intubation a drill- compare difficult airway society UK guidelines with American society of anaesthesiologists (ASA) guidelines.
6. Depth of anaesthesia monitoring.
7. Write a note on :
 - A) August Bier
 - B) James Young Simpson.
8. Closed circuit – laws and functional analysis.
9. Ankle block.
10. Neuromuscular monitoring.
