

PAPER CODE: 1160

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

M.D/ M.S DEGREE SUPPLEMENTARY EXAMINATIONS: OCTOBER, 2023

PHYSIOLOGY

PAPER – I

(GENERAL PHYSIOLOGY)

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. Genesis of transmembrane potential and action potential.
2. Apoptosis.
3. Stem cell.
4. Vesicular transport and recent concept about vesicular transport mechanism.
5. Smooth muscle contraction.
6. Classification of nerve fibres and conduction of impulse in various nerves.
7. Mechanical, thermal and chemical changes during muscular contraction.
8. Endoplasmic reticulum.
9. Trans cellular fluid and their location in the body.
10. Molecular motors.
