

PAPER CODE: 1162

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

M.D/ M.S DEGREE SUPPLEMENTARY EXAMINATIONS: Oct/ Nov, 2023

PHYSIOLOGY

PAPER – III

(CNS, CVS, RS AND SPECIAL SENSES)

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. Physiological shunt.
2. Cheyne-strokes breathing.
3. Total peripheral resistance.
4. Foetal circulation before and after birth.
5. Draw and differentiate SA nodal action potential and Ventricular action potential.
6. Descending pain control pathways.
7. Terminations of proprioceptive input entering spinal cord through dorsal root.
8. Physiological basis of features of UMN (Upper Motor Neuron) lesion.
9. Olfactory pathway.
10. Otolithic organs.
