

**PAPER CODE: 1162**

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

**M.D/ M.S DEGREE EXAMINATIONS: OCTOBER 2025**

**PHYSIOLOGY  
PAPER – III**

**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. Role of Extra pyramidal tracts in regulating Motor Activity.
2. Nuclei, connection and function of Basal ganglia.
3. Electroencephalogram (EEG) and Sleep.
4. Methods of estimation of Cardiac output.
5. Coronary circulation.
6. Discuss briefly about cardiac cycle.
7. Lung volumes and capacities.
8. Acclimatization at high altitude.
9. Photochemistry of Vision.
10. Auditory pathway.

**\*\*\*\*\***