

PAPER CODE: AHS17011

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

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

NEURO SCIENCE TECHNOLOGY

PAPER II

APPLIED ANATOMY & PHYSIOLOGY RELATED TO NEURO TECHNOLOGY

Time: 3 Hours

Max Marks: 80

Note: Draw diagrams whenever 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. Hypothalamus, Nuclei and functions.
2. Anatomy of 5th cranial nerve.
3. Structure and function of Sympathetic and Parasympathetic pathway.

Write a short note on any FIVE of the following:

5 X 6 = 30

4. Lumbar plexus.
5. Course of ulnar nerve.
6. Blood supply of cerebellum.
7. Ascending pathways in spinal cord.
8. Explain Neuromuscular junction and its transmission.
9. Joints in the skull.

Write briefly on the following:

10 X 3 = 30

10. Thalamic nuclei.
11. Sedative hypnotics.
12. Motor pathway
13. Pes anserinus.
14. Taste buds.
15. Functions of CSF.
16. Cranial nerves arising from medulla.
17. What is Reflex Arc?
18. Median nerve stimulation sites in NCS.
19. Terminal branches of posterior cord of Brachial plexus.
