

**First Year B.Sc Neurotechnology Degree Regular/Supplementary
Examinations November 2025
Paper II – Neuroanatomy II
(2023 Scheme)**

Time: 3 Hours**Total Marks: 100**

- *Answer all questions to the point neatly and legibly • Do not leave any blank pages between answers • Indicate the question number correctly for the answer in the margin space*
- *Answer all parts of a single question together • Leave sufficient space between answers*
- *Draw table/diagrams/flow charts wherever necessary*

Long Essay**(2x10=20)**

1. Describe Lumbosacral plexus. Enumerate the various muscles supplied by it.
2. Describe the auditory pathway.

Short Essay**(5x8=40)**

3. Describe Ulnar nerve. Add a note on cubital tunnel.
4. Describe the microscopic structure of skeletal muscle.
5. Describe the cauda equina.
6. Describe the common peroneal nerve. What is foot drop.
7. Describe myelin.

Short Notes**(4x6=24)**

8. Draw a picture of the lower limb showing its sensory supply.
9. Describe briefly the muscles acting on the knee joint.
10. Describe the tarsal tunnel. What is tarsal tunnel syndrome.
11. Briefly describe the spinal accessory nerve and muscles supplied by it.

Answer Briefly**(2x3=6)**

12. Enumerate all the cranial nerves.
13. Ventral roots.

Fill in the blanks**(10x1=10)**

14. Biceps is supplied by _____
15. Bones of the legs are _____
16. Thenar eminence consists of _____
17. Quadriceps is supplied by _____
18. 6th cranial nerve supplies _____
19. Anterior interosseous nerve is a branch of _____
20. Supinator is supplied by _____
21. Posterior interosseous nerve is a branch of _____
22. Name two abdominal muscles _____
23. The lateral bone of the forearm is _____
