

First Year B.Sc Neurotechnology Degree Regular Examinations
November 2024
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 the structure of a peripheral nerve in detail. What are the different types of nerve fibers and their functions.
2. Describe in detail the anatomy of dorsal and ventral nerve roots. Write a note on dorsal root ganglia

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

3. Describe Radial nerve. Add a note on wristdrop.
4. Briefly describe Facial nerve. Write a note on LMN facial palsy.
5. How is cubital tunnel formed. Write briefly on ulnar nerve in elbow.
6. Describe briefly the Visual pathway.
7. What are the cords of the brachial plexus. Describe their anatomy and branches

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

8. Cervical Plexus
9. Describe briefly the hypoglossal nerve and enumerate muscles of the tongue
10. Describe in brief muscles of the elbow joint.
11. Enumerate the flexors of the knee joint. Write their nerve supply and root supply

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

12. Anterior interosseous nerve.
13. Clinical features of LMN syndrome

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

14. Soleus is supplied by _____
15. Shin bone is _____
16. Calf muscle consists of _____
17. Hip adductors are supplied by _____
18. Muscles supplied by the suprascapular nerve are _____
19. Olecranon process is part of which bone _____
20. Extensor digitorum longus is supplied by _____
21. Sural nerve is formed by branches of _____
22. Lateral cutaneous nerve of thigh supplies _____
23. Triceps are called so because _____
