Rajiv Gandhi University of Health Sciences, Karnataka

IV Year B.P.T. Degree Examination 23-Oct-2026

Time: 3 Hours **Max. Marks: 80 Marks**

NEUROLOGY AND NEUROSURGERY (RS-5)

Q.P. Code: 2747

Your answers should be specific to the questions asked.
Draw neat, labelled diagrams wherever necessary.

LONG ESSAYS (Answer any One) **1 x 10 = 10 Marks**

1. Define Guillian-Barre syndrome. Explain pathophysiology and management of the same.
2. Classify Head Injuries. Add a note on surgical management and its complications.

SHORT ESSAYS (Answer any Eight) **8 x 5 = 40 Marks**

3. Syringomyelia and its clinical features.
4. Transverse myelitis and its clinical features.
5. Difference between spasticity, rigidity and flaccidity.
6. Define Transient Ischemic Attack (TIA) and explain its management.
7. Enumerate clinical features of cerebellar ataxia.
8. Classify Peripheral Nerve Injuries. Add a note on surgical management for the same.
9. Spina bifida-classification and its management.
10. Laminectomy-procedure and its indication.
11. Clipping of aneurysm.
12. Surgical management complications of Dandy walker syndrome.

SHORT ANSWERS **10 x 3 = 30 Marks**

13. Define Evoked potentials and mention its uses.
14. Assessment of Vagus nerve.
15. Define tics.
16. Types of spinal cord injury.
17. Clinical signs of hydrocephalus.
18. Arterio Venous Malformation.
19. Conus Medullaris syndrome.
20. Complications of neural implantation.
21. Pallidotomy.
22. Polyradiculopathy.

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