

Second Year B.Sc Neurotechnology Degree Regular Examinations
November 2025
Neurocritical care
(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. Status epilepticus- clinico-electrophysiological features and management
2. Coma – causes, clinical features and management

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

3. Complications of GBS
4. Cerebral oedema
5. EEG monitoring in ICU
6. Thrombolysis in stroke
7. Myasthenic crisis

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

8. Intracerebral haemorrhage
9. Critical illness neuropathy
10. Aseptic techniques
11. Traumatic Brain Injury

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

12. ICU psychosis
13. Cardiogenic shock

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

14. Window period for iv thrombolysis in acute stroke is _____ hours
15. Most commonly encountered cardiac arrhythmia is _____
16. In critical illness myopathy, SNAPs will be _____
17. Upper limit of normal Intracranial pressure is _____ cm of H₂O
18. Plasma Exchange is used in the treatment of _____
19. Normal body temperature is _____ degree Celsius
20. Ratio of chest compression and rescue breath in CPR is _____
21. An antibiotic that can induce myasthenic crisis is _____
22. Full form of CPR is _____
23. _____ is a life saving surgery in acute stroke to prevent herniation of brain.
