

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

M.SC NURSING FINAL YEAR DEGREE EXAMINATIONS: JANUARY, 2022

**CLINICAL SPECIALITY – II
MEDICAL SURGICAL NURSING
NEUROSCIENCES NURSING**

Time: 3 Hours.

Max Marks: 75

Note: Answer any **FIVE** questions.

Give Diagrammatic representation wherever necessary.

1. a) Explain neuroscience nurse's role in ensuring quality control in the ICU.
b) Write in detail about Risk factors associated with neurological conditions. (7+8=15)
2. Mr X 42 years old admitted to the neurology ICU with the complaints of weakness in the upper and lower limb. During the course of time he has developed diaphragmatic palsy too, presently he is on mechanical ventilation with SIMV mode, F102 50%. He is diagnosed to have upper motor neuron (UMN) disease. Answer the following
a) Explain the causes of upper motor neuron (UMN) disease. 3+3+4+5=15
b) Describe the clinical features and medical management of upper motor neuron disease.
c) Prepare a nursing care plan of Mr X.
3. a) Define multiple sclerosis. 2+5+8=15
b) Explain the pathophysiological changes.
c) Outline a rehabilitation programme for a 45 years old house wife with chronic progressive type of multiple sclerosis.
4. a) Enumerate the signs and symptoms of spinal cord injury at the 3rd and 4th level cervical vertebra. 5+5+5=15
b) Explain the emergency management of a patient with acute spinal cord injury.
c) Describe the nursing management of a patient on cervical skeletal traction.
5. a) Define hydrocephalus. 2+3+3+7=15
b) Enumerate the signs and symptoms of hydrocephalus.
c) Explain the complications that can develop in a patient with ventriculo-peritoneal shunt.
d) Prepare a nursing care plan of a patient with ventriculo-peritoneal shunt.
6. Write short note on any **three** of the following 3 X 5 = 15
 - a) Spina bifida.
 - b) Ethical issues in neuro critical care units.
 - c) Poliomyelitis.
 - d) Alzheimer's disease.