

B.Sc. NEURO ELECTRO PHYSIOLOGY
THIRD YEAR
PAPER III – APPLICATION OF CLINICAL NEUROPHYSIOLOGY AND
ASSESSMENT

Q.P. Code: 802523

Time: Three Hours

Maximum : 100 Marks

Answer All questions

I. Elaborate on: **(3 x 10 = 30)**

1. What are the meninges? What are the causes of pyogenic meningitis and what are the findings on cerebrospinal fluid examination?
2. Describe clinical features, mechanism of disease and complications in patient with myasthenia gravis.
3. What is meant by the term dementia? Describe degenerative dementias giving example of the most common type.

II. Write notes on: **(8 x 5 = 40)**

1. Peroneal nerve palsy – causes and presentation.
2. Migraine – mechanism of headache.
3. Large fiber neuropathy – clinical presentation.
4. How do we differentiate Psychosis, Delirium and Dementia?
5. Symptoms and signs of Vitamin A deficiency.
6. What are the neurological disorders associated with parathyroid dysfunction?
7. What are the symptoms of Restless legs syndrome?
8. What are the types of Brachial plexus injury?

III. Short answers on: **(10 x 3 = 30)**

1. What are the symptoms of Writer's cramp?
2. What are the symptoms of Trigeminal neuralgia?
3. What is meant by Abducens palsy?
4. Electrophysiological diagnosis of disorders of phrenic nerve.
5. Clinical presentation and diagnosis of homonymous hemianopia.
6. Diagnosis of amyotrophic lateral sclerosis (motor neuron disease).
7. Definition of Communicating hydrocephalus.
8. What are the uses of Diazepam?
9. Give an example of a tumor from the meninges and common presenting features.
10. Horner's syndrome – definition and mechanism.
