

BACHELOR IN AUDIOLOGY & SPEECH LANGUAGE PATHOLOGY (BASLP)
SEMESTER -II EXAMINATION, JUNE-2026
(2022 & 2023 Batch)

PAPER – I : NEUROLOGY

[Time allotted: Three Hours]

[Max Marks: 100]

Note: Read all the instructions carefully

Answer all questions in serial order. Draw suitable diagrams wherever necessary

Q. 1. Objective type questions: (Attempt **All**) (10 x 02 = 20)
 (Very short/ Short answer/ MCQ/ One liners/ Fill in the blanks/ True/False) (PO- 1,2,4,5 CO- 3,2,4,5)

- a. The autonomic nervous system controls _____ functions.
- b. The cerebrospinal fluid is mainly produced by the _____.
- c. Damage to upper motor neurons causes _____ dysarthria.
- d. The cerebellum is mainly responsible for _____.
- e. Schizophrenia is a disorder affecting _____.
- f. Multiple sclerosis is a _____ disease.
- g. Parkinsonism affects the _____ system.
- h. Difficulty in swallowing is called _____.
- i. Arnold Chiari malformation involves the _____.
- j. Wernicke's encephalopathy is caused due to deficiency of _____.

Q. 2. Short notes/ Short answer type questions (Attempt any **Five**) (PO- 1,2,4,5 CO- 3,2,4,5) (05 x 04 = 20)

- a. Explain the organization of the nervous system.
- b. Write short notes on cranial nerves associated with speech and hearing.
- c. Discuss the role of basal ganglia in speech production.
- d. Explain hydrocephalus and its causes.
- e. Describe flaccid dysarthria.
- f. Write a short note on dementia.
- g. Explain bedside neurological examination.

Q. 3. Structured questions (Attempt any **Three**) (PO- 1,2,4,5 CO- 2,4) (03 x 10 = 30)

- a. (i) Explain the anatomy of the central nervous system.
 (ii) Describe neural transmission.
 (iii) Discuss cerebral plasticity and dominance.
- b. (i) Describe the pyramidal motor system.
 (ii) Differentiate between upper and lower motor neuron lesions.
 (iii) Explain sensory and motor examination procedures.
- c. (i) Define dysarthria.
 (ii) Explain spastic and ataxic dysarthria.
 (iii) Discuss mixed lesions and associated speech disorders.
- d. (i) Explain cerebrovascular diseases.
 (ii) Describe traumatic brain injury.
 (iii) Discuss neuro-imaging methods in neurological disorders

Q. 4. Long Answer/ Essay type questions (Attempt any **Two**) (PO- 2,3,4,5 CO- 2,4) (02 x 15 = 30)

- a. (i) Explain the neuroanatomy and physiology of speech and hearing mechanisms.
 (ii) Discuss cerebral blood supply and protection of the brain.
- b. (i) Explain developmental motor speech disorders in cerebral palsy and muscular dystrophy.
 (ii) Discuss management principles and techniques for neurogenic speech and language disorders in children.
- c. (i) Describe degenerative and metabolic disorders and their management which affects speech and hearing function.
 (ii) Explain assessment and management of swallowing disorders.