



BRAINWARE UNIVERSITY

Term End Examination 2023-2024

Programme – B.Physiotherapy-2020

Course Name – Clinical Neurology and Neurosurgery and Psychiatry

Course Code - BPT801

(Semester VIII)

Full Marks : 60

Time : 2:30 Hours

[The figure in the margin indicates full marks. Candidates are required to give their answers in their own words as far as practicable.]

Group-A

(Multiple Choice Type Question)

1 x 15=15

1. Choose the correct alternative from the following :

- (i) Discover the condition associated with pain and temperature loss
- a) Posterior horn of spinal cord b) anterior column of spinal cord
c) Lateral horn of spinal cord d) None of these
- (ii) Select the the condition related with babinski sign.
- a) LMN lesion b) Vertigo
c) Deep external pudental palsy d) UMN lesion
- (iii) Identify the thickest nerve of the body.
- a) Sciatic b) Pudental
c) Superior gluteal d) Nerve to quadratus femoris
- (iv) Name the nerve supply of medial rectus muscle
- a) CN I b) CN II
c) CN III d) None of these
- (v) Identify the type of nerve lesion in Saturday night palsy
- a) Axonotmesis b) Traction injury
c) Neurotmosis d) Neuropraxia
- (vi) Name the branch of Supra orbital artery.
- a) Maxillary b) External carotid
c) Ophthalmic d) Internal caritid
- (vii) Select the nerve root value for knee jerk.
- a) L1, L2 b) L2,L3, L4
c) L4, L5 d) L5, S1
- (viii) Name the relation of Hippocampal amygdala.
- a) Memory for recent events b) Movements
c) Emotional behaviour d) None of these
- (ix) Name the anterior limit of forebrain.

- a) Stria medullaris
c) Lamina terminalis
- b) Stria terminalis
d) Stria medullaris thalami
- (x) Name the 8th cranial nerve.
- a) Olfactory
c) Vestibulo-cochlear
- b) Optic
d) Facial
- (xi) Discover the condition where CSF will leak from nose
- a) UMN lesion
c) Rhinorrhoea
- b) Lmn lesion
d) Otorrhoea
- (xii) Select the 5th cranial nerve.
- a) Trigeminal
c) Olfactory
- b) Vagus
d) Optic
- (xiii) Name the cranial nerve responsible for tongue movement.
- a) CN VII
c) CN XII
- b) CN XI
d) CN X
- (xiv) Choose the inner layer of dura matter.
- a) Endosteal layer
c) Falx cerebri
- b) Meningeal layer
d) Falx cerebelli
- (xv) Discover the location of sublingual salivary gland.
- a) Above the tongue
c) Near the soft palate
- b) Below the tongue
d) Superior to voice box

Group-B

(Short Answer Type Questions)

3 x 5=15

2. Recognize the sign and symptoms of Duchenne muscular dystrophy. (3)
3. Write about the causes and clinical features of meningitis. (3)
4. Discuss botulism and its causes. (3)
5. Predict the causes of claw hands. (3)
6. Organize a note on the indications and contraindications of laminectomy. (3)

OR

Describe the neurological complications of a cauda equina injury. (3)

Group-C

(Long Answer Type Questions)

5 x 6=30

7. Explain the gait control theory of pain. (5)
8. Describe cerebral palsy and its causes. (5)
9. Categorize the complications of organ transplantation. (5)
10. Organize a note on the medical management of multiple sclerosis. (5)
11. Explain the medical management of Parkinson's disease. (5)
12. Explain the indications and contraindications of shunting. (5)

OR

Illustrate the progressive bulbar palsy and its clinical features. (5)
