

**BACHELOR OF PHYSIOTHERAPY  
FIFTH SEMESTER  
CLINICAL NEUROLOGY & PSYCHIATRY  
BPT – 502 [SPECIAL REPEAT]  
[USE OMR SHEET FOR OBJECTIVE PART]**

**SET  
A**

Duration : 3 hrs.

Full Marks : 70

Time : 30 min.

( PART-A: Objective )

Marks : 20

*Choose the correct answer from the following:*

**1X20=20**

- Primary motor cortex is situated in
  - Temporal lobe
  - Medulla oblongata
  - Frontal lobe
  - Parietal lobe
- Circle of Willis contain all except
  - Internal carotid artery
  - External carotid artery
  - Anterior cerebral artery
  - Anterior communicating artery
- Most common location of Hematoma in case of hypertensive ICH
  - Pons
  - Cerebellum
  - Basal ganglia
  - Hypothalamus
- Cranial nerve with longest extra cranial course
  - Oculomotor nerve
  - Optic nerve
  - Hypoglossal nerve
  - Accessory nerve
- All are ascending tracts of spinal cord except
  - Lateral spinothalamic tract
  - Anterior spinothalamic tract
  - Corticospinal tract
  - Fascicular Gracilis
- Primary visual cortex is in
  - Temporal lobe
  - Frontal lobe
  - Optic Chiasma
  - Occipital lobe
- Lesion compressing optic chiasma produces
  - Bitemporal homonymous hemianopia
  - Night blindness
  - Central scotoma
  - No defect
- Pure motor cranial nerve is
  - Olfactory nerve
  - Optic nerve
  - Trigeminal nerve
  - Hypoglossal nerve
- Carpal tunnel syndrome is an example of
  - Entrapment Neuropathy
  - Myelopathy
  - Encephalopathy
  - None of the above
- All are parts of cerebellum except
  - Tonsils
  - Cerebellar lobe
  - Vermis
  - Basal ganglia

11. Raccoon sign and Battle sign are seen in
- a. Skull base fracture
  - b. Traumatic optic neuropathy
  - c. EDH
  - d. All of the above
12. Dissociated sensory loss is seen in
- a. Extradural lesion
  - b. Intradural extramedullary lesion
  - c. Central cord lesion
  - d. All of the above
13. Which drug is used for Myasthenia gravis testing
- a. Adrenaline
  - b. Neostigmine
  - c. Acetylcholine
  - d. Endephonium
14. GCS score ranges from
- a. 0-15
  - b. 1-10
  - c. 3-15
  - d. 6-10
15. All of the following are signs of cerebellar disease except
- a. Resting tremor
  - b. Past Pointing
  - c. Nystagmus
  - d. Ataxic gait
16. One patient presenting to your clinic with CVA and right sided hemiparesis. He can just lift his right hand above the the bed. What is the MRC grading in the right side of the body.
- a. 2/5
  - b. 1/5
  - c. 5/5
  - d. 3/5
17. What percentage of patients with Parkinson's disease suffer from depression?
- a. 1 %
  - b. Less than 10 %
  - c. Up to 40 %
  - d. 70 %
18. What is the second most common type of degenerative dementia?
- a. Alzheimer's dementia
  - b. Dementia with Lewy bodies
  - c. Frontotemporal dementia
  - d. Vascular dementia
19. Upper motor neuron involvement is characterized by
- a. Absent tendon reflexes
  - b. Absent abdominal reflexes
  - c. Muscle fasciculation
  - d. Increased muscle tone and tendon reflexes
20. Projection, denial and splitting are defence mechanisms of which cluster?
- a. Narcissistic
  - b. Immature
  - c. Anxiety
  - d. Mature

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**( Descriptive )**

Time : 2 hrs. 30 min.

Marks : 50

*[ Answer question no.1 & any four (4) from the rest ]*

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| 1. Discuss the aetiology, pathogenesis, clinical features and management of Parkinson's disease.   | 10     |
| 2. a. Discuss the management of Gullian barre syndrome.<br>b. Explain the anatomy of basal ganglia   | 6+4=10 |
| 3. a. Classify spinal cord tumour.<br>b. Management of head injury.  | 5+5=10 |
| 4. a. Enumerate the type of craniovertebral junction anomalies.<br>b. Write short note on Peripheral Neuropathy                            | 5+5=10 |
| 5. a. Management of cervical spine injury.<br>b. Give a note on post traumatic disorder.   | 5+5=10 |
| 6. Write short notes on:<br>a. Obsessive Compulsive Disorders<br>b. Bulimia  | 5+5=10 |
| 7. Write short notes on:<br>a. Etiopathogenesis of Ischaemic Stroke<br>b. Enumerate the descending tracts of spinal cord.                  | 6+4=10 |
| 8. a. Enumerate the different demyelinating diseases of CNS.<br>b. Write about the clinical features and management of multiple sclerosis. | 5+5=10 |

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