

**End Semester/Reappear (Semester V) Examination December, 2024**

**Programme: BPT**

**Course: Neurology & Psychiatry**

**Course Code: 23A502**

**Enrolment no. \_\_\_\_\_**

**Full Marks: 70**

**Time: 3 Hrs.**

Q.No.	Questions	CO	Bloom Taxonomy Category	Marks
<b>Section I</b>				
1	<b>Short Answer type questions. Answer any four.</b>			<b>4 x 5 = 20</b>
a	Write about Modified Ashworth Scale.	CO1	Understand	
	or			
b	Mention briefly about Disorders of Tone.	CO1	Remember	
	or			
c	Discuss about Indication and Contra indication of Neurosurgery.	CO2	Understand	
	or			
d	Write a short note on shunting.	CO2	Remember	
	or			
e	Write down the risk factors of cerebrovascular accidents.	CO3	Remember	
	or			
f	Explain FAST.	CO3	Understand	
	or			
g	Write a short note on Petit Mal.	CO4	Remember	
	or			
h	State Myasthenia gravis with symptoms.	CO4	Remember	
	or			
<b>Section II</b>				
<b>Long Answer type questions.</b>				
1	Write down the probable diagnosis and its clinical features if a patient comes to you with complaints of incomplete closure of his left eyelid and you observe deviation of his angle of mouth towards right.	CO1	Analyze	<b>3 x 10 = 30</b>
	or			
2	Write down the probable diagnosis and anatomical pathway, its supply and assessment for a patient if she comes to you with complaints of tears flowing from her left eye, and you observe absence of formation of wrinkles on her forehead while frowning.	CO1	Analyze	
	or			
3	How would you assess the gross motor function of child cerebral palsy?	CO3	Apply	
	or			
4	How would you explain the importance of Folic acid in preventing Spina Bifida to an expected mother?	CO3	Apply	
	or			
5	Analyze the impact of Vaccination programs in eradicating Poliomyelitis globally?	CO4	Analyze	
	or			
6	Compare the motor and non-motor symptoms of Parkinson's disease.	CO4	Analyze	
	or			

### Section III

Section III				
	Application based questions			
5	Evaluate the importance cranial nerve testing in diagnosing neurological disorders and assess the role of the oculomotor nerve in the eye movement and pupil constriction.	CO3	Evalaute	1 x 20 = 20
	or			
	Evalaute the neuroimaging techniques such as MRI,CT and PET scans in diagnosing neurological disorders like multiple sclerosis,epilepsy and neurodegenerative disorders.Discuss the advantages and limitations of each techniques in terms of sensitivity,specificity and accessibility.	CO3	Evalaute	

### COURSE OUTCOME

**At the end of the course candidate will able to**

CO1: Identify different types of neurological condition and management.

CO2: Understand different neurosurgery procedure like electrical stimulation of brain and Spinal cord etc.

CO3: Describe different neurological condition and treatment like stroke, hydrocephalus, Spina Bifida, Epilepsy, motor neuron disease etc

CO4: Understand different infection and non-infection condition and management like tumor, Parkinson's disease, tuberculosis, poliomyelitis, myasthenia Gravis, nerve injury, head Injury etc.