

**PSYCHIATRY**

**PAPER-I**

**Time : 3 hours**  
**Max. Marks : 100**

**PSY/D/11/39/I**

**Attempt all questions in order.**  
**Each question carries 10 marks.**

1. Define neurotransmitters. How do they differ from neuromodulators? Name excitatory neurotransmitters and describe anyone of these in detail. 2+3+2+3
2. What is psychiatric epidemiology? What are its uses? Enumerate most common types of designs used in psychiatric epidemiology. 2+4+4
3. Describe thinking, its neurobiological basis and its disorders. 4+3+3
4. Define sleep. Describe various stages of sleep. Discuss the neurobiology of sleep and wakefulness. 2+3+5
5. What is neuro-imaging? Name different neuro-imaging techniques. Describe briefly SPECT and its applications in Psychiatry. 2+3+3+2
6. Define emotion. Discuss neuronal circuit of emotion with the help of a diagram. 2+5+3
7. Define declarative memory and discuss its neurobiological substrate. 3+7
8. Enumerate various psychodynamic theories with relevance to personality disorders in general. Also, mention the commonly encountered defense mechanisms along with their explanation. 5+5
9. What is bereavement? What are the stages of normal bereavement process? Write in brief about complicated bereavement. 2+4+4
10. Define validity. Name different types of validity. What is the importance of validity in Psychiatry? 2+6+2

\*\*\*\*\*

**PSYCHIATRY**

**PAPER- II**

**Time : 3 hours**  
**Max. Marks : 100**

**PSY/D/11/39/II**

**Attempt all questions in order.**  
**Each question carries 10 marks.**

1. Describe the clinical features of Rett's disorder, its etiology, differential diagnosis and management. 3+2+2+3
2. Write in detail about the clinical features, etiology and co-morbidity of Down's syndrome. 5+2+3
3. What is Community Psychiatry? What are its types and basic tenets? 2+2+6
4. What is anorexia nervosa? Write in brief about its clinical features, etiology, complications and management. 1+2+2+2+3
5. Describe the issue of confidentiality in Psychiatry and various related special circumstances. 5+5
6. What is Mental Health Authority? Describe its functions. 3+7
7. What is school refusal? Describe the pharmacological & non-pharmacological management of school refusal. 4+6
8. What is domestic violence? What are the characteristics of perpetrator & psychiatric morbidity in victims in Indian context? 4+3+3
9. What is token economy? Write in brief about its background, techniques, clinical relevance and efficacy. 1+1+2+3+3
10. What is involuntary hospitalization? Write in detail about various procedures of involuntary hospitalization under the MHA, 1987. 1+9

\*\*\*\*\*

**PSYCHIATRY**

**PAPER- III**

**Time : 3 hours**  
**Max. Marks : 100**

**PSY/D/11/39/III**

**Attempt all questions in order.**  
**Each question carries 10 marks.**

1. What is delirium tremens? Write its clinical features and treatment. 3+4+3
2. What is Type A personality? What is its relevance in health and psychosomatic disorders? 4+6
3. Describe various neuropathological and neurochemical changes associated with Alzheimer's disease. 5+5
4. Discuss the signs and symptoms, risk factors and treatment of neuroleptic malignant syndrome. 4+3+3
5. Describe clinical features and management of migraine. 6+4
6. Define Complex Partial Seizures (CPS). Describe its various clinical types in detail. Mention its management. 2+5+3
7. Discuss the long term pharmacological management (preventive) of alcohol dependence. 10
8. Write various differentiating features of dementia and pseudo-dementia. 10
9. Describe the clinical features and management of Tourette's disorder. 6+4
10. What is apraxia? Describe different types of apraxia. 3+7

\*\*\*\*\*

**PSYCHIATRY**

**PAPER- IV**

**Time : 3 hours**  
**Max. Marks : 100**

**PSY/D/11/39/IV**

**Attempt all questions in order.**  
**Each question carries 10 marks.**

1. Discuss briefly the different techniques used in the psychosocial treatment of schizophrenia. 10
2. Define treatment resistant obsessive compulsive disorder and discuss its management. 2+8
3. Discuss the biological basis of panic disorder. 10
4. What is group therapy? Write its principle components and types. 3+3+4
5. What is serotonin withdrawal syndrome and write its management? 5+5
6. What is dissociative amnesia? Write in brief about its clinical presentation, etiology and management. 2+3+2+3
7. What is akathisia? Discuss its etiology and treatment. 4+3+3
8. Enumerate various paraphilias and write any one in detail 5+5
9. Write about somatoform pain disorder and its management. 5+5
10. What are atypical antipsychotic drugs? Name some of the atypical anti-psychotics effective in negative symptoms of schizophrenia. What are their common side effects and their management? 3+2+3+2

\*\*\*\*\*