

PSYCHIATRY

PAPER – I

PSY/D/10/39/I

Time : 3 hours
Max. Marks : 100

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

1. What is fMRI? What are the principles of its working? Discuss briefly the clinical applications of fMRI in psychiatry.
2. What is amygdaloid complex? Describe briefly its structural and functional components. What is its prevalence in clinical practice?
3. What is qualitative research? Describe the essential features, strengths and limitations of qualitative research.
4. What are neurofibrillary tangles? Describe in short their structures and clinical significance.
5. What is social causation? How do social factors such as class, gender, age, social events effect mental health?
6. What is evidence based medicine? How is it practiced? Describe the various steps involved in its practice.
7. Define hallucinations. How do true and pseudo-hallucinations differ? What is their clinical significance?
8. Define synaptic plasticity. How is it relevant in the action of various psychotropic drugs? Also describe in brief its clinical implications.
9. Enumerate the 4 stages of development postulated by Jean Piaget giving the age period of each stage. Describe the chief characteristics of any one stage.
10. Define defense mechanism. Enumerate 4 immature and 4 mature defense mechanisms. Describe in details 3 defense mechanisms used in OCD (Obsessive Compulsive Disorders).

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PAPER – II

Time : 3 hours
Max. Marks : 100

PSY/D/10/39/II

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

1. Define nocturnal enuresis. Name its types. Discuss its pharmacological and non-pharmacological management.
2. What are the levels of prevention and define them? Describe the role of tertiary prevention in Psychiatry.
3. Describe various components of rehabilitation in Psychiatry. What are the major techniques used in the process?
4. What is conduct disorder? Describe its clinical features and management in brief?
5. Define criminal responsibility. What are the main criteria to establish it and what is its relevance in Psychiatry?
6. What is "IDEAS"? Describe its components and method of assessment.
7. Describe in detail about the various admission procedures under the Mental Health Act 1987.
8. What is fiduciary relationship? How does it affect the provisions of the Right to Information Act?
9. What factors initiated community psychiatry? Describe how it was adapted to Indian conditions.
10. What is child abuse? What are its subtypes? What may be the presenting features, which lead to high index of suspicion?

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PAPER – III

Time : 3 hours
Max. Marks : 100

PSY/D/10/39/III

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

Write short notes on:

1. How do the clinical features of Fronto-temporal dementia affect its management?
2. Write the features of 'benzodiazepine withdrawal syndrome' and its management?
3. What is Type C personality? What is its relevance in psychosomatic disorders and health?
4. What is the relationship between stress and diabetes? Discuss the relationship between diabetes and psychiatric disorders.
5. What is Bulimia Nervosa? Describe its etiology and management.
6. What is Korsakoff Psychosis? Describe its etiology, clinical features and management.
7. What do you understand by co-morbidity? Discuss its relevance in Psychiatry?
8. Define epilepsy? Describe its relevance and relationship to presentation of psychiatric disorders.
9. Describe in brief counseling principles and their application to specific drugs of abuse.
10. Write in brief about the various tests of parietal lobe functioning.

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PAPER – IV

Time : 3 hours
Max. Marks : 100

PSY/D/10/39/IV

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

1. Define treatment resistant depression and discuss the guidelines for its management.
2. What is lithium toxicity? Describe its features and management.
3. Classify personality disorders. Discuss in brief the management of antisocial personality disorder.
4. What is Cognitive Behavior Therapy? Describe its basic tenets and various cognitive errors.
5. What is Bio-feedback? Name the types and indications in Psychiatry.
6. Describe in brief about any two acute side effects of typical anti psychotic drugs, discussing their features and management.
7. What is masked depression? Write in brief about its clinical presentation and management.
8. Describe the non-pharmacological management of obsessive compulsive disorders.
9. Describe various biological theories/ factors of etiology of phobic disorder.
10. Discuss the risk factors for suicide. Briefly discuss the management of a suicidal patient.