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MANIPAL ACADEMY OF HIGHER EDUCATION
MD (PSYCHIATRY) DEGREE EXAMINATION – JULY 2023

PAPER I

Monday, July 03, 2023

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Essays:**

1. Discuss the basis of groups, group formation and their functions in society. (15 marks)

2. Discuss the Biological basis of 'remembering and forgetting'. (15 marks)

3. **Short notes:**

3A. Buddhism and modern psychology.

3B. Theoretical contributions of Anna Freud.

3C. Structure and uses of the Thematic Apperception Test.

3D. Types of motivational conflicts and their clinical application.

3E. Instruments to assess 'quality of life'

3F. Glutamatergic systems in the brain

3G. Findings of the Danish adoption studies and its consequences.

3H. Nucleus and course of the 5th cranial nerve (with diagrams).

3I. Theory of mind and its relevance to psychiatric disorders.

3J. Neuronal migration.

(7 marks × 10 = 70 marks)



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PAPER II

Tuesday, July 04, 2023

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Essays:**

1. Discuss the statement “Cannabis should be a legal recreational chemical as it causes no significant or lasting behavioural or structural dysfunction”.
(15 marks)
2. Discuss the efficacy and effectiveness of antidepressants in comparison to placebo in Depression.
(15 marks)

3. **Short notes:**

- 3A. Management of Opioid Dependence.
- 3B. Clinical features, comorbidities and management of Passive-aggressive personality disorder.
- 3C. Clinical features, course and treatment of Somatoform pain disorder.
- 3D. Clinical evaluation of chronic sleep complaints
- 3E. Clinical features, course, risk factors and management of Recurrent brief depressive disorder.
- 3F. Role of psychotherapy in the treatment of Schizophrenia.
- 3G. Genetic studies in Alcohol dependence syndrome.
- 3H. Important psychiatric epidemiological studies in India.
- 3I. Clinical features, course and management of Type 2 bipolar affective disorder.
- 3J. Psychological sequelae of child sexual abuse.

(7 marks × 10 = 70 marks)



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PAPER III

Wednesday, July 05, 2023

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ Essays:

1. Describe the definition, aetiological classification and management of mental retardation without other comorbidity.

(15 marks)

2. Discuss the physiological changes occurring in the body with ageing and their effect on clinical psychopharmacology.

(15 marks)

3. Short notes:

3A. Process and efficacy of Cognitive therapy for OCD.

3B. Management of Primary non-organic insomnia.

3C. Describe the regulation of cellular plasticity by mood stabilisers.

3D. Describe the Narcotic drugs and Psychotropic substances act (1989 amended).

3E. Pharmacology, uses and adverse effects of Zotepine.

3F. Aetiology, manifestations and management of Oppositional defiant disorder

3G. Describe the process and uses of 'Reattribution therapy'

3H. A 50 year old father and 46 year old mother from a lower middle class background seek help in the management of their 24 year old son who has chronic schizophrenia with prominent negative symptoms, episodes of unreasonable anger, destructiveness and tobacco + cannabis abuse. He has been on fairly stable doses of medications for his psychosis and seems to have reached the best possible control of his symptoms. The parents have become stigmatised in their community and have no supports. They are also yet to come to terms with their son's illness and their own feelings of frustration, anger, helplessness and guilt. They often feel depressed though not syndromally. Discuss the psychosocial issues that arise with care givers in such situations and make a comprehensive plan of how to help the parents manage the situation and their own mental health better.

3I. Reversible dementias.

3J. The sexual response cycle.

(7 marks × 10 = 70 marks)



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PAPER IV

Thursday, July 06, 2023

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Essays:**

1. Describe the classification of epilepsy. Describe the management of chronic epilepsy with pseudoseizures.
(15 marks)

2. Write an essay on ‘The role and contributions of General Hospital Psychiatry to mental health services in India and its future in providing psychiatric care to the community’.
(15 marks)

3. **Short notes:**

- 3A. Aetiopathology of Alzheimer’s disease.
- 3B. Structure and predictive value of the ‘Glasgow coma scale’.
- 3C. Clinical features and management of Temporal Arteritis.
- 3D. Neuropsychiatric manifestations, evaluation and management of Thiamine deficiency.
- 3E. Clinical features and management of Addison’s disease.
- 3F. Presentation, aetiology and management of Factitious disorder by proxy.
- 3G. Sexual dysfunctions in females and the approach to their management.
- 3H. Psychiatric and psychosocial issues related Huntington’s disease.
- 3I. Psychological manifestations of Orbitofrontal cortex trauma.
- 3J. Clinical features and aetiology of Motor Neuron disease.

(7 marks × 10 = 70 marks)

