

Reg. No.

MANIPAL ACADEMY OF HIGHER EDUCATION
MD (PSYCHIATRY) DEGREE EXAMINATION – OCTOBER 2021

PAPER I

Monday, October 11, 2021

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

Answer ALL the questions.

Essays:

1. Discuss the psychosocial theories of aggression. (15 marks)
2. Describe the anatomy, connections and functions of the basal ganglia with appropriate diagrams. (15 marks)

Short notes:

- 3A. Relevance of the study of 'culture' to Psychiatry.
- 3B. Psychological problems faced by street children and appropriate interventions for them.
- 3C. Measures of central tendency.
- 3D. Operant conditioning and its application to human behaviour.
- 3E. Liebowitz Social Phobia Scale.
- 3F. Genetic linkage analysis.
- 3G. Sentence completion test.
- 3H. Structure, connections and functions of the Suprachiasmatic nucleus.
- 3I. Transgenic mice and their use in psychiatry.
- 3J. Anaclitic depression.

(7 marks × 10 = 70 marks)



Reg. No.																			
----------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

MANIPAL ACADEMY OF HIGHER EDUCATION
MD (PSYCHIATRY) DEGREE EXAMINATION – OCTOBER 2021

PAPER II

Tuesday, October 12, 2021

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Essays:**

1. Define 'Impulse'. Discuss the differential diagnosis of impulsivity. Briefly describe the management of Impulse control disorders.

(15 marks)

2. Discuss the classification of sleep disorders. Comment on sleep disturbances and their electrophysiological correlates in other psychiatric disorders.

(15 marks)

3. **Short notes:**

3A. Group therapy for persons with Alcohol dependence/problem drinking.

3B. Assertive community treatment in the management of Schizophrenia.

3C. Concept of 'Masked depression'.

3D. Mother-infant relationship disorders.

3E. Management of resistant Delusions.

3F. Clinical features, course and treatment of Hypochondriacal disorder.

3G. Clinical features, comorbidities and management of Dependant personality disorder.

3H. Causes and management of Organic anxiety disorders.

3I. Concept of Obsessive –Compulsive Spectrum and its theoretical basis.

3J. Important observations of the DOSMED study.

(7 marks × 10 = 70 marks)



MANIPAL ACADEMY OF HIGHER EDUCATION
MD (PSYCHIATRY) DEGREE EXAMINATION – OCTOBER 2021

PAPER III

Wednesday, October 13, 2021

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Essays:**

1. Describe the 'comprehensive management' of a child with ADHD.
(15 marks)

2. Describe the disadvantages faced by the elderly in our society. Discuss the enabling public health measures undertaken and that need to be undertaken to reduce morbidity and improve quality of life of the elderly.
(15 marks)

3. **Short notes:**

- 3A. Principles of crisis intervention and its role in psychiatry.
- 3B. Procedure of modified ECT and precautions to be observed in high risk clinical situations.
- 3C. Issues and methods of Vocational rehabilitation in chronic psychoses.
- 3D. Psychiatric evaluation for 'competence to stand trial'.
- 3E. Pharmacology, uses and adverse effects of Clozapine.
- 3F. Aetiology, manifestations and management of Tuberous sclerosis
- 3G. Feeding disorders of infancy and childhood.
- 3H. A 35 year old male from a middle socioeconomic status from a nuclear family presented with a history of excessive alcohol consumption and declining work performance, deteriorating interpersonal relations and neglect of self care, since six months. Prior to this he was well adjusted and working well. Seven months ago he was transferred on a desired promotion to a new country where he knew no one. He had to stay alone and tackle his job with little cooperation from his colleagues, who, he felt, resented his presence there. He felt progressively alienated and sad and often contemplated quitting but was advised not to by his family. Discuss the possible psychological consequences and psychopathology in such a situation and delineate your detailed formulation and management plan.
- 3I. Sibling rivalry – assessment and management.
- 3J. Psychological autopsy.

(7 marks × 10 = 70 marks)



MANIPAL ACADEMY OF HIGHER EDUCATION
MD (PSYCHIATRY) DEGREE EXAMINATION – OCTOBER 2021
PAPER IV

Friday, October 15, 2021

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Essays:**

1. Describe the aetiology, neuropathology, clinical manifestations, course, prognosis and management of Parkinson's disease.

(15 marks)

2. Describe the prevalence of Depression in medical and neurological disorders and discuss the difficulties in the diagnosis of depression in the context of medical illness.

(15 marks)

3. **Short notes:**

3A. Clinical and neuropsychological features of frontal lobe damage.

3B. Clinical features and management of Multiple sclerosis.

3C. Recognition and management of Petit mal epilepsy.

3D. Clinical features and management of hypothyroidism.

3E. Stem cell research and Alzheimer's disease.

3F. Aetiology and manifestations Fragile X syndrome.

3G. 'Burst Suppression Therapy' in psychiatry.

3H. Animal models of Depression.

3I. Discuss various types of tremors, their neurological causes and management.

3J. Differentiation between neurological and dissociative blindness.

(7 marks × 10 = 70 marks)

