

MANIPAL ACADEMY OF HIGHER EDUCATION
MD (PSYCHIATRY) DEGREE EXAMINATION – OCTOBER 2020
SUBJECT: PAPER I: BASIC SCIENCES AS RELATED TO PSYCHIATRY

Monday, October 05, 2020

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Essays:**

1. Discuss the role of cultural factors in normal life and psychopathology. (15 marks)

2. Discuss the 'Executive functions', their brain substrates and clinical relevance. (15 marks)

3. **Short notes:**

3A. Guru-chela relationship as a backdrop to psychotherapy.

3B. Theoretical contributions of Victor Frankl.

3C. Structure and uses of the Eysenck's Personality Inventory.

3D. Neurobiology of emotions.

3E. Instruments to assess Panic and Agoraphobia.

3F. Contributions of Hans Selye.

3G. Excitatory amino acids and their role in CNS function.

3H. Nucleus and course of the 6th cranial nerve (with diagrams).

3I. Efficacy and effectiveness studies.

3J. Families in health and illness.

(7 marks × 10 = 70 marks)



MANIPAL ACADEMY OF HIGHER EDUCATION
MD (PSYCHIATRY) DEGREE EXAMINATION – OCTOBER 2020
SUBJECT: PAPER II: CLINICAL PSYCHIATRY

Tuesday, October 06, 2020

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Long Essays:**

1. Discuss the Biopsychosocial basis, classifications, course and outcomes of Alcohol dependence.

(15 marks)

2. Critically evaluate the existence of Anxiety and Depressive disorders as separate vs unitary entities on the basis of literature of their overlap, mutual comorbidities, course and outcomes.

(15 marks)

3. **Write short notes on:**

3A. Risk factors for suicide in psychiatric patients.

3B. Concept and functions of half way homes in psychiatry.

3C. Management of Psychotic Depression.

3D. Narcolepsy and its management.

3E. 'Stress inoculation and anticipatory guidance'.

3F. Clinical features and Differential diagnosis of 'Fugue'.

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

3H. Clinical and functional outcomes of Bipolar disorders.

3I. Sensory gating abnormalities in schizophrenia.

3J. Use of Psychotropics in pregnancy

(7 marks × 10 = 70 marks)



MANIPAL ACADEMY OF HIGHER EDUCATION**MD (PSYCHIATRY) DEGREE EXAMINATION – OCTOBER 2020****SUBJECT: PAPER III: PSYCHIATRIC THEORY AND PSYCHIATRIC SPECIALITIES**

Wednesday, October 07, 2020

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Essays:**

1. Critically evaluate the statement ‘Autism is purely a manifestation of Mental retardation’.
(15 marks)
2. Discuss the evidence for the efficacy of ECTs alone and in combination with other treatments in different psychiatric disorders.
(15 marks)

3. **Short notes:**

- 3A. Describe the behavioural management of Hypersexual disorders.
- 3B. Discuss the uses of Music and Art therapy in psychiatry.
- 3C. Describe the special issues in the Psychopharmacology of the elderly.
- 3D. Describe the salient features of the Mental Health Care Act.
- 3E. Animal models of Chemical dependence.
- 3F. Metabolism, uses and adverse effects Benzodiazepines.
- 3G. Manifestations and management of Conduct disorder.
- 3H. A 45 year old male, middle level executive has presented with his 4th episode of moderate depressive illness. He has no other physical morbidity. Premorbidly he has dependant and anxious traits. Each of his episodes has arisen from interpersonal problems, role conflicts and loss of esteem in the work place. He has otherwise had a good work record, a few good friends and no other psychiatric disorders. Discuss your psychosocial formulation and detailed pharmacological and nonpharmacological management plan for him.
- 3I. Relevance of perinatal birth complications to psychiatry.
- 3J. Clinical features and management of vascular depression.

(7 marks × 10 = 70 marks)



MANIPAL ACADEMY OF HIGHER EDUCATION**MD (PSYCHIATRY) DEGREE EXAMINATION – OCTOBER 2020**

SUBJECT: PAPER IV: NEUROLOGY AND GENERAL MEDICINE AS RELATED TO PSYCHIATRY

Thursday, October 08, 2020

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Essays:**

1. Describe the Differential Diagnosis of 'Dementia'. Delineate the approach to establishing the aetiological diagnosis of Dementia.

(15 marks)

2. Discuss the aetiology, clinical features and management of Collagen Vascular Disorders with Neuropsychiatric manifestations.

(15 marks)

3. **Write short notes on:**

3A. Psychiatric comorbidities in Parkinson's disease and their management.

3B. Clinical features, pathology and management of Wernicke's encephalopathy.

3C. Clinical features and management of Post infective and post vaccinal encephalomyelitis.

3D. Medical and neurological complications of inhalant abuse.

3E. Psychiatric disorders occurring in the preoperative period of surgery and their management.

3F. Clinical features of, differentiation between and management of factitious disorders and malingering.

3G. Psychological issues related to adoption of children.

3H. Consequences of stress and antidepressant action on neural plasticity.

3I. Psychological assessment and management of chronic pain.

3J. Gastaut-Geschwind syndrome – aetiology, clinical features and management

(7 marks × 10 = 70 marks)

