

MANIPAL ACADEMY OF HIGHER EDUCATION
MD (PSYCHIATRY) DEGREE EXAMINATION – APRIL 2018
SUBJECT: PAPER I: BASIC SCIENCES AS RELATED TO PSYCHIATRY

Monday, April 02, 2018

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Long Essays:**

1. Discuss the 'Theories of Attitude', factors involved in producing attitude change and psychiatric implications of attitude formation and change.

(15 marks)

2. Describe the structure, connections and functions of the 'Limbic System' (with diagrams).

(15 marks)

3. **Short notes:**

3A. Effect of culture on gender role.

3B. Healthy (mature) Defence mechanisms.

3C. Animal models of Anxiety.

3D. Cognitive learning and its application to human behaviour.

3E. Procedure and interpretation of 'Tower of London test'.

3F. Glycine and its relevance to psychiatric disorders.

3G. Intra-neuronal cytostructure and transport.

3H. Classical and operant conditioning.

3I. Methods and uses of 'Intent to treat analysis'.

3J. Maslow's hierarchy of needs.

(7 marks × 10 = 70 marks)



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MANIPAL ACADEMY OF HIGHER EDUCATION
MD (PSYCHIATRY) DEGREE EXAMINATION – APRIL 2018
SUBJECT: PAPER II: CLINICAL PSYCHIATRY

Tuesday, April 03, 2018

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Long Essays:**

1. Critically evaluate the benefits of a 'categorical' classification over a 'dimensional' classification of psychopathology.

(15 marks)

2. Discuss the evolution and meaning of the concept of Conversion disorder (Hysteria).

(15 marks)

3. **Short notes:**

3A. Describe the clinical features, comorbidities and management of depersonalisation disorder.

3B. Features of Caffeine intoxication. Treatment of Caffeine withdrawal and dependence.

3C. Types of Folie a deux and their management.

3D. Concept and clinical features of Cycloid Psychoses.

3E. Psychodynamics of anxiety.

3F. Clinical features and management of Kleptomania.

3G. Management of treatment resistant Depression.

3H. Relevance of 'Chronobiology' to psychiatry.

3I. Clinical features and management of neuroleptic malignant syndrome.

3J. Anorexia nervosa – clinical features and management.

(7 marks × 10 = 70 marks)



MANIPAL ACADEMY OF HIGHER EDUCATION
MD (PSYCHIATRY) DEGREE EXAMINATION – APRIL 2018

SUBJECT: PAPER III: PSYCHIATRIC THEORY AND PSYCHIATRIC SPECIALITIES

Wednesday, April 04, 2018

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Long Essays:**

1. Discuss the nature of psychosocial problems and the role of mental health professionals at a disaster affected area.

(15 marks)

2. Discuss the aetiology, comorbidity and management of Specific learning disabilities.

(15 marks)

3. **Short notes:**

3A. Describe the process and efficacy of Cognitive behaviour therapy for Panic disorder.

3B. Describe the 'Hypnosis induction profile' and its significance.

3C. Neuroanatomical theories of Schizophrenia.

3D. Describe the assessment of 'Fitness to stand trial' in psychiatric patients.

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

3F. Procedure and efficacy of 'Nicotine replacement therapy'.

3G. Manifestations and management (including preventive) of perinatal causes of mental retardation.

3H. Psychosocial interventions for ADHD.

3I. Psychological changes with normal ageing.

3J. Social skills training in chronic psychosis.

(7 marks × 10 = 70 marks)



MANIPAL ACADEMY OF HIGHER EDUCATION
MD (PSYCHIATRY) DEGREE EXAMINATION – APRIL 2018

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

Thursday, April 05, 2018

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Long Essays:**

1. Write an essay on modern neuroimaging techniques and their uses in understanding normal psychology and psychopathology.

(15 marks)

2. Discuss the differential diagnosis, likely pathologies, investigation and management of a 60 year old lady presenting with death of her spouse eight months ago and a six month history of declining memory and change in personality.

(15 marks)

3. **Short notes:**

3A. Aetiology, clinical features and management of Creutzfeldt-Jakob disease.

3B. Clinical features, EEG manifestations and management of Hypsarrhythmia.

3C. Aetiopathology and clinical features of Type II Diabetes Mellitus.

3D. Clinical features, aetiology and management of Absence seizures.

3E. Psychological factors associated with Bronchial Asthma.

3F. The effect of Mood stabilisers on the developing fetus; precautions to be taken in pregnancy and lactation regarding exposure to mood stabilisers.

3G. Psychosurgery - efficacy, location of lesions, methodology and adverse effects.

3H. The use of Deep Brain Stimulation in neuropsychiatric disorders.

3I. Survivor guilt – its causes and manifestations.

3J. Aetiology, clinical features and management of cluster headache.

(7 marks × 10 = 70 marks)

