

MANIPAL UNIVERSITY**MD (PSYCHIATRY) DEGREE EXAMINATION – APRIL 2015****SUBJECT: PAPER I: BASIC SCIENCES AS RELATED TO PSYCHIATRY**

Wednesday, April 01, 2015

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Long Essays:**

1. Discuss the risk factors and high risk periods for developmental psychopathology with examples. (15 marks)

2. Discuss the Biopsychosocial theories of 'Motivation' and their possible applications to the Psychiatry of chemical dependence. (15 marks)

3. **Write short notes on:**

- 3A. 'Social Referencing' in child development .
- 3B. Gesell's normative development theory
- 3C. Important psychometric properties of Psychiatric instruments
- 3D. Classical conditioning and its application to human behaviour
- 3E. Rating scales for measuring mania
- 3F. Segregation analysis in psychiatric disorders
- 3G. Dexamethasone suppression test
- 3H. Structure, connections and functions of the Hypothalamus
- 3I. Cognitive schemas and its relevance to therapy
- 3J. Hanuman complex and its relevance to therapy in Indian setting

(7 marks × 10 = 70 marks)



MANIPAL UNIVERSITY**MD (PSYCHIATRY) DEGREE EXAMINATION – APRIL 2015****SUBJECT: PAPER II: CLINICAL PSYCHIATRY**

Thursday, April 02, 2015

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Long Essays:**

1. Write an essay on whether a 'hierarchical system' of classification should be abandoned in psychiatry using clinical and research examples.

(15 marks)

2. Discuss the epidemiology and classifications of suicide and suicidal behaviours and their clinical implications.

(15 marks)

3. **Write short notes on:**

3A. Types of Epidemiological studies in Psychiatry (with case examples)

3B. Pharmacology, adverse effects and use of Acamprosate

3C. Uses of Day – Care in psychiatry

3D. Conceptual issues, clinical features and need for intervention in Cyclothymia

3E. Genetics of anxiety disorders

3F. Clinical features and management of intermittent explosive disorder

3G. Aetiopathology of cocaine dependence

3H. Structural organisation, classification and functions of pre and post synaptic receptors

3I. Post concussion syndrome

3J. Course of first episode depression in 20 years old

(7 marks × 10 = 70 marks)



MANIPAL UNIVERSITY

MD (PSYCHIATRY) DEGREE EXAMINATION – APRIL 2015

SUBJECT: PAPER III: PSYCHIATRIC THEORY AND PSYCHIATRIC SPECIALTIES

Saturday, April 04, 2015

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Long Essays:**

1. Discuss the nosological status of the 'Externalising disorders' and their possible. Relation to adult psychopathology.

(15 marks)

2. Discuss the theory, procedure and efficacy of Cognitive therapy in OCD.

(15 marks)

3. **Write short notes on:**

3A. Procedure, uses and efficacy of 'Applied relaxation'

3B. Stimulus parameters and their relevance in ECT

3C. Finding on imaging studies in schizophrenia

3D. Describe the 'rights of the mentally ill'

3E. Aetiopathogenesis, presentation and management of Neuroleptic induced acute dystonia

3F. Pharmacology, uses and adverse effects of Topiramate

3G. Manifestations and management of X-linked mental retardation

3H. Clinical features and management of Specific motor skills disorder

3I. PANDAS (Pediatric Autoimmune Neuropsychiatric Disorders Associated with Streptococcal Infections)

3J. Psychiatric advance directives

(7 marks × 10 = 70 marks)



MANIPAL UNIVERSITY

MD (PSYCHIATRY) DEGREE EXAMINATION – APRIL 2015

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

Monday, April 06, 2015

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ Answer ALL the questions.

✍ Long Essays:

1. Discuss the epidemiology, aetiopathology, medical and psychiatric manifestations and management of HIV disease.

(15 marks)

2. Discuss the risks of use of psychotropic drugs in pregnancy and lactation.

(15 marks)

3. Write short notes on:

3A. Aetiopathology, manifestations and management of 'Wernicke's encephalopathy'

3B. Clinical features and management of Transient global amnesia

3C. Pathology, clinical features and management of SSPE

3D. Diagnostic features and risk factors of delirium and its distinction from Dementia

3E. Classification, clinical features and management of Functional bowel disorders

3F. Concept and clinical implications of 'Secondary Mania'

3G. Pharmacology, uses and adverse effects of S-Adenosyl-L-Methionine

3H. Current status and clinical features of 'Neurasthenia'

3I. Define and classify apraxias. Discuss the neurological basis and tests for apraxia

3J. Neuropsychiatric manifestation of Huntington's disease

(7 marks × 10 = 70 marks)

