

MANIPAL UNIVERSITY**MD (PSYCHIATRY) DEGREE EXAMINATION – APRIL 2016****SUBJECT: PAPER I: BASIC SCIENCES AS RELATED TO PSYCHIATRY**

Monday, April 18, 2016

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Long Essays:**

1. Define 'learning'. Discuss the theories of learning in the context of mental health and illness.
(15 marks)
2. Discuss the Biological development (including CNS) of the child in the first two years of life.
(15 marks)

3. **Short notes:**

- 3A. Culture and personality
- 3B. Humanistic school of Psychology
- 3C. Intent to treat analysis
- 3D. Types of intelligence and their relevance to psychiatry
- 3E. Connors teachers rating scale and Connors parent rating scale
- 3F. Polymerase chain reaction
- 3G. Tests to assess formal thought disorder
- 3H. Structure, connections and functions of the Corpus callosum
- 3I. Synaptic plasticity
- 3J. Describe frustration, its sources and its relevance in mental health

(7 marks × 10 = 70 marks)



MANIPAL UNIVERSITY**MD (PSYCHIATRY) DEGREE EXAMINATION – APRIL 2016****SUBJECT: PAPER II: CLINICAL PSYCHIATRY**

Tuesday, April 19, 2016

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Long Essays:**

1. Discuss the need for 'National' versions of the ICD classification for Psychiatry citing existing examples. Offer your suggestions for variations in an Indian version with justification.

(15 marks)

2. Discuss the phenomenological roots of Delusional Disorders. Evaluate the literature suggesting that they are independent psychoses.

(15 marks)

3. **Short notes:**

3A. Aetiopathogenesis, manifestation and management of Neuroleptic Malignant Syndrome

3B. Epidemiology of inhalant use disorder. Measures being used in India to reduce its prevalence in 'street children'

3C. Psychosocial theories of Depression

3D. Hysteroid Dysphoria- concept, clinical features and management

3E. Clinical features and management of PTSD

3F. Clinical features, comorbidities and management of Schizotypal (personality) disorder

3G. Linkages in the clinical features, course and outcome between subsyndromal and syndromal Depression

3H. Psychosocial management of treatment resistant Generalised anxiety disorder

3I. Therapeutic effects of cannabis

3J. Post partum depressive disorders

(7 marks × 10 = 70 marks)



MANIPAL UNIVERSITY**MD (PSYCHIATRY) DEGREE EXAMINATION – APRIL 2016****SUBJECT: PAPER III: PSYCHIATRIC THEORY AND PSYCHIATRIC SPECIALITIES**

Wednesday, April 20, 2016

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Long Essays:**

1. Discuss the 'efficacy and effectiveness' of antidepressants in comparison to placebo in Depression quoting major studies in this area.

(15 marks)

2. Describe the clinical features, aetiopathology, common comorbidities, major research efforts and management of Tourettes's disorder.

(15 marks)

3. **Short notes:**

3A. Role and efficacy of Cognitive behavioural therapy for Schizophrenia

3B. 'SSRI induced Apathy syndrome'

3C. 'Case Management' and its efficacy in psychiatry

3D. Discuss the 'Criminal responsibility' of psychiatric patients

3E. Psychiatric epidemiological studies in India

3F. Pharmacology, uses and adverse effects of Varenicline

3G. Aetiology, manifestations and management of Rett syndrome

3H. Aetiology, natural course, clinical features and management of Separation Anxiety disorder of childhood

3I. Clinical features and management of behavioral addiction

3J. STEP BD program – design and findings

(7 marks × 10 = 70 marks)



MANIPAL UNIVERSITY**MD (PSYCHIATRY) DEGREE EXAMINATION – APRIL 2016****SUBJECT: PAPER IV: NEUROLOGY AND GENERAL MEDICINE AS RELATED TO PSYCHIATRY**

Thursday, April 21, 2016

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Long Essays:**

1. Anatomical localisation and clinical features of apraxias and related executive disorders.
(15 marks)
2. 'Schizophrenia with comorbid chronic medical illnesses' discuss the prevalence, aetiology, course, outcomes and management.
(15 marks)

3. **Short notes:**

- 3A. Clinical and psychometric features of subcortical dementia
- 3B. Clinical features and management of Myasthenia gravis
- 3C. Psychological factors associated with conflict ravaged countries
- 3D. Clinical features and management of chronic idiopathic pruritis
- 3E. Neuropsychiatric manifestations, evaluation and management of Nicotinic acid deficiency
- 3F. Describe the psychological aspects of female sterilisation
- 3G. Guidelines for psychosurgery in intractable psychiatric disorders
- 3H. Cellular abnormalities and neuroplasticity in Depression
- 3I. Split brain syndrome
- 3J. Managing needle phobia in children

(7 marks × 10 = 70 marks)

