

MANIPAL UNIVERSITY**MD (PSYCHIATRY) DEGREE EXAMINATION – OCTOBER 2017****SUBJECT: PAPER I: BASIC SCIENCES AS RELATED TO PSYCHIATRY**

Tuesday, October 03, 2017

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Long Essays:**

1. Write an essay on ‘social determinants of mental illnesses.’
(15 marks)
2. Describe the structure, connections and syndromes associated with lesions of the Thalamus (with diagrams).
(15 marks)

3. **Short notes:**

- 3A. ‘Modal personality’ in a cultural context.
- 3B. Erikson’s stages of development and their implication to personality evolution.
- 3C. Case-control studies.
- 3D. Semantic and Episodic memory and their assessment.
- 3E. Child behaviour checklist – structure and uses.
- 3F. Restriction fragment length polymorphisms.
- 3G. Magnetic resonance spectroscopy in psychiatry.
- 3H. Structure, connections and functions of the Basal ganglia and corpus striatum.
- 3I. Resistance in therapy.
- 3J. Neuronal Habituation.

(7 marks × 10 = 70 marks)



MANIPAL UNIVERSITY**MD (PSYCHIATRY) DEGREE EXAMINATION – OCTOBER 2017****SUBJECT: PAPER II: CLINICAL PSYCHIATRY**

Wednesday, October 04, 2017

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

Answer ALL the questions.

Long Essays:

1. Define: Diagnosis, Classification, Illness, Disease, Disorder and Syndrome. Discuss the problems of contemporary classifications in psychiatry and possible future trends in this area. (15 marks)
2. Discuss the neurobiology of OCD. Describe the comorbidities with OCD. Evaluate the phenomenological similarities and differences between OCD and Anankastic Personality disorder. (15 marks)

Short notes:

- 3A. International Pilot Study of Schizophrenia (IPSS).
 - 3B. Pharmacology and acute as well as chronic psychological effects of 'MDMA' use.
 - 3C. Biological and psychosocial theories of dissociative disorder.
 - 3D. Clinical, biological and treatment differences between bipolar and unipolar depression.
 - 3E. Conceptual issues, clinical features and management of Delusional disorders.
 - 3F. Clinical features and management of Acute stress disorder.
 - 3G. Clinical features, comorbidities and management of antisocial personality disorder.
 - 3H. Clinical features and management of anorexia nervosa.
 - 3I. Discuss the various models of occupational rehabilitation in chronic schizophrenia patients.
 - 3J. Investigations for early diagnosis of Alzheimer's dementia.
- (7 marks × 10 = 70 marks)



MANIPAL UNIVERSITY**MD (PSYCHIATRY) DEGREE EXAMINATION – OCTOBER 2017****SUBJECT: PAPER III: PSYCHIATRIC THEORY AND PSYCHIATRIC SPECIALITIES**

Thursday, October 05, 2017

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Long Essays:**

1. Discuss the role and the interface of traditional systems of care existing in the Indian setting with allopathic psychiatry, to look after the mental health needs (illness and health) of the community.

(15 marks)

2. Discuss the clinical features, diagnostic issues, developmental implications and management of 'Childhood Depression'.

(15 marks)

3. **Short Notes:**

3A. List the indications for and types of Family therapies.

3B. Alternative and complimentary treatments of Depression.

3C. Describe the attitudes of society to the elderly.

3D. Discuss the 'Boundaries of confidentiality' in psychiatric practice.

3E. Monitoring for and Management of Clozapine induced agranulocytosis.

3F. Pharmacology, uses and adverse effects of Venlafaxine.

3G. Aetiology, manifestations and management of Asperger's syndrome.

3H. A couple (female 43 years and male 49 years) of lower socioeconomic status, working as daily wagers, has just had their 4th child. The previous three have died in their early childhood due to illness. The new born has seizure disorder, stigmata of multiple congenital malformations and will probably be mentally retarded. Discuss the psychosocial issues that are likely to arise and how you will help the couple in handling them.

3I. Use of restraints in mentally ill.

3J. Inhalant abuse among adolescents.

(7 marks × 10 = 70 marks)



MANIPAL UNIVERSITY**MD (PSYCHIATRY) DEGREE EXAMINATION – OCTOBER 2017****SUBJECT: PAPER IV: NEUROLOGY AND GENERAL MEDICINE AS RELATED TO PSYCHIATRY**

Friday, October 06, 2017

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Long Essays:**

1. Describe the chronic epilepsy related psychiatric manifestations, their differential diagnosis and management. (15 marks)
2. Neuropsychological, neuroradiological and neurometabolic correlates of cerebral ageing. (15 marks)

3. **Short Notes:**

- 3A. Pathology, clinical features and management of vascular dementia.
- 3B. Clinical causes and manifestation of Kluver-Bucy Syndrome.
- 3C. Clinical features and management of Normal Pressure Hydrocephalus.
- 3D. Neuropsychiatric manifestations of Lead poisoning.
- 3E. Clinical features and management of psychiatric disorders seen in intensive care units.
- 3F. Describe 'Sleep hygiene'.
- 3G. Potential uses of Deep brain stimulation in psychiatry.
- 3H. Animal models of Parkinson's disease.
- 3I. Preoperative anxiety in children.
- 3J. Medical illness in a patient with chronic schizophrenia - causes, implications and management.

(7 marks × 10 = 70 marks)

