

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

Monday, April 03, 2017

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

 **Answer ALL the questions.**

 **Long Essays:**

1. Describe and critically evaluate the bedside and standardised tests of 'Formal thought disorder'.

(15 marks)

2. Describe the histology of the prefrontal cortex, occipital cortex, hippocampus and cerebellum (with diagrams).

(15 marks)

3. **Short Essays:**

- 3A. Cultural variables relevant to mental illnesses
- 3B. Carl Rogers' person centered theory of personality
- 3C. Cohort studies
- 3D. Psychological methods to improve memory
- 3E. Diagnostic interview instruments in child psychiatry
- 3F. Genetic epidemiology
- 3G. Functional MRI in psychiatry
- 3H. Structure, connections and functions of the Cerebellum
- 3I. Concept of normality in mental health
- 3J. Oxytocin in psychiatry

(7 marks × 10 = 70 marks)



Reg. No.																			
----------	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

# MANIPAL UNIVERSITY

## MD (PSYCHIATRY) DEGREE EXAMINATION – APRIL 2017

### SUBJECT: PAPER II: CLINICAL PSYCHIATRY

Tuesday, April 04, 2017

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Long Essays:**

1. Describe the 'Brain reward system' and its abnormalities in the context of acute exposure to drugs of abuse and chronic exposure/dependence.

(15 marks)

2. Describe the protocol for evaluation of male sexual dysfunction.

(15 marks)

3. **Short Essays:**

3A. Management of Pathological grief

3B. Genetics of schizophrenia

3C. Risk factors for suicide

3D. Clinical features and management of Seasonal Affective disorder

3E. Clinical features and management of Somatoform autonomic dysfunction

3F. Clinical features, comorbidities and management of Borderline personality disorder

3G. Causes of recurrences in Bipolar disorders and their likely prevention

3H. Aetiology, clinical features and management of Social Anxiety disorder

3I. Risk factors and protective factors to developing delirium

3J. Clinical features and management of impulse control disorders

(7 marks × 10 = 70 marks)



Reg. No.									
----------	--	--	--	--	--	--	--	--	--

## MANIPAL UNIVERSITY

### MD (PSYCHIATRY) DEGREE EXAMINATION – APRIL 2017

#### SUBJECT: PAPER III: PSYCHIATRIC THEORY AND PSYCHIATRIC SPECIALITIES

Wednesday, April 05, 2017

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

**Answer ALL the questions.**

**Long Essays:**

1. Discuss the desirability or otherwise of 'Integrating indigenous mental health care practices with modern psychiatry' with special reference to the industrializing countries.  
(15 marks)
2. Discuss the management of childhood OCD and its commonly associated comorbidities.  
(15 marks)

**Short Essays:**

- 3A. Determinants of Outcomes of Severe Mental Disorders (DOSMED) study.
- 3B. Differentiate between 'Efficacy' and 'Effectiveness' of psychiatric interventions.
- 3C. Etic and Emic approaches to cultural psychiatry.
- 3D. Discuss 'Testamentary capacity'.
- 3E. Pharmacology, uses and adverse effects of Ziprasidone.
- 3F. Management of Lithium toxicity.
- 3G. Manifestations and management (including preventive) of Postnatal causes of mental retardation.
- 3H. Discuss the 'Non stimulant' drug treatments of ADHD.
- 1I. Yoga for psychiatric disorders.
- 3J. Erectile dysfunction-assessment and management.

(7 marks × 10 = 70 marks)



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

Thursday, April 06, 2017

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Long Essays:**

1. Describe the current theories of pain. Discuss the assessment and management of chronic pain.

(15 marks)

2. Describe the presentation and management of 'functional bowel disorders'.

(15 marks)

3. **Short Essays:**

3A. Pathology, clinical features and management of Lewy body dementia.

3B. Prognosticating long term outcome in head injuries.

3C. Clinical features and management of Status psychomotoricus.

3D. Clinical manifestations, management and sequelae of Tubercular meningitis.

3E. Clinical features and management of hyperthyroidism.

3F. Describe the unique features of Psychopharmacology in the elderly.

3G. Pharmacology, uses and adverse effects of Orlistat.

3H. Relevance of the 'Human Genome Project' to psychiatry.

3I. Psychological assessment of renal donor.

3J. Non motor symptoms of parkinsonism.

(7 marks × 10 = 70 marks)

