

Reg. No.

**MANIPAL UNIVERSITY**

**PG DIPLOMA IN PSYCHOLOGICAL MEDICINE (DPM) 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.**

✍ **Essays:**

1. Discuss 'Attachment theories' and their implication to psychiatry.

(15 marks)

2. Describe the structure, connections and functions of the 'Basal Ganglia' (with diagrams).

(15 marks)

3. **Short Notes:**

3A. Social class and its relevance to mental illness

3B. Primitive (immature) Defence mechanisms

3C. Type I and Type II errors in research design

3D. Social learning

3E. Psychiatric Instruments used to measure psychotic symptoms

3F. Twin studies in ascertaining genetic factors in mental illnesses

3G. Corticotrophin releasing hormone stimulation test

3H. Structure, connections and functions of the Hippocampus

3I. Magnetic Resonance Spectroscopy

3J. Tests of intelligence

(7 marks × 10 = 70 marks)



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## MANIPAL UNIVERSITY

PG DIPLOMA IN PSYCHOLOGICAL MEDICINE (DPM) EXAMINATION – APRIL 2017

SUBJECT: PAPER II: CLINICAL PSYCHIATRY INCLUDING NEUROLOGY  
AS RELATED TO PSYCHIATRY

Tuesday, April 04, 2017

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

 Answer ALL the questions.

 Essays:

1. Discuss the comprehensive management of Alcohol dependence without comorbidity.  
(15 marks)
2. Describe the long term sequelae of head trauma and their biopsychosocial managements.  
(15 marks)

3. Short Notes:

- 3A. Neuropsychiatric manifestations, evaluation and management of Folate deficiency.
- 3B. Pharmacological basis for the psychotomimetic effects of phencyclidine.
- 3C. Classification and management of migraine and its psychological correlates.
- 3D. Pathology, clinical features and management of Fronto - Temporal dementia.
- 3E. Causes and management of rapid cycling bipolar illness.
- 3F. Obsessive spectrum disorders and their management.
- 3G. Clinical features, comorbidities and management of Paranoid personality disorder.
- 3H. Discuss the management of 'first episode psychoses'.
- 3I. Clinical features and management of Addison's Disease.
- 3J. Psychological issues in persons with burn injuries.

(7 marks × 10 = 70 marks)



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PG DIPLOMA IN PSYCHOLOGICAL MEDICINE (DPM) 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.

✍ Essays:

1. Gender specific issues in mental health and illness.

(15 marks)

2. Describe 'Temperament traits'. Discuss their relation to childhood and adult psychopathology.

(15 marks)

3. Short notes:

3A. Neurobiological theories of Depression.

3B. Types and uses of 'Family therapy' in Schizophrenia.

3C. Theories of action of ECT.

3D. Pharmacology, uses and adverse effects of SSRIs.

3E. Pharmacotherapy in Pervasive developmental disorders.

3F. Process and uses of 'Play therapy' in children.

3G. Pharmacology and uses of Omega-3 Fatty acids in psychiatry.

3H. Survivor issues in cancer.

3I. Discuss "Social phobia is an artifact of a competitive society"

3J. Sex reassignment surgery and its psychological implications.

(7 marks × 10 = 70 marks)

