

**MANIPAL ACADEMY OF HIGHER EDUCATION**  
**MD (PSYCHIATRY) DEGREE EXAMINATION – JUNE 2020**  
**SUBJECT: PAPER I: BASIC SCIENCES AS RELATED TO PSYCHIATRY**

Wednesday, June 03, 2020

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

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✍ **Answer ALL the questions.**

✍ **Essays:**

1. Discuss the continuities between childhood temperament and adult personality.  
(15 marks)
2. Discuss the Biological development (including CNS) of the child in the third to seventh years of life.  
(15 marks)

3. **Short notes:**

- 3A. Theoretical contributions of Margaret Mead.
  - 3B. Contributions of Arthur Kleinman to anthropology and psychiatry.
  - 3C. Structure and uses of the WISC.
  - 3D. Social motives and their measurement.
  - 3E. Psychiatric Instruments used to assess suicide risk.
  - 3F. 'Morphogenetic' cell death.
  - 3G. Biological basis of Hallucinations.
  - 3H. Nucleus and course of the 3<sup>rd</sup> cranial nerve (with diagrams).
  - 3I. Psychoneuroimmunology.
  - 3J. Mentally ill person as a 'consumer'.
- (7 marks × 10 = 70 marks)



**MANIPAL ACADEMY OF HIGHER EDUCATION**  
**MD (PSYCHIATRY) DEGREE EXAMINATION – JUNE 2020**  
**SUBJECT: PAPER II: CLINICAL PSYCHIATRY**

Thursday, June 04, 2020

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Long Essays:**

1. Are Personality disorders a clinically useful construct? Critically evaluate the diagnostic exclusivity and stability of individual personality disorder clusters.

(15 marks)

2. Discuss the initial episode presentations, subsequent changes in presentation of episodes, course and outcomes of bipolar disorders with onset in different age bands.

(15 marks)

3. **Short notes:**

3A. Clinical features, course, outcome and management of Delirium tremens.

3B. Acute and long term pharmacological management of schizoaffective disorder.

3C. Risk factors and treatment of Postpartum depression.

3D. Adult Attention Deficit Disorder and its management.

3E. Pathophysiology of Schizophrenia.

3F. Psychosocial theories of Depression.

3G. Process and efficacy of Interpersonal therapy in Depression.

3H. Biopsychosocial theories and clinical features of Anorexia Nervosa.

3I. Assessment and management of metabolic adverse effects of antipsychotics.

3J. Long term psychological sequelae of natural/manmade disasters.

(7 marks × 10 = 70 marks)





**MANIPAL ACADEMY OF HIGHER EDUCATION****MD (PSYCHIATRY) DEGREE EXAMINATION – JUNE 2020****SUBJECT: PAPER III: PSYCHIATRIC THEORY AND PSYCHIATRIC SPECIALITIES**

Friday, June 05, 2020

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Essays:**

1. Discuss the clinical features, diagnostic issues, and management of childhood bipolar disorder.

(15 marks)

2. Discuss the occurrence of stigma with mental illness. Review the research addressing the cross cultural occurrence of stigma.

(15 marks)

3. **Short notes:**

3A. Describe Dialectical Behaviour Therapy.

3B. Describe the findings of the International Study of Schizophrenia (ISoS)

3C. Comment of 'Advanced Directives' in the mental health care act.

3D. Role and ethics of a Psychiatrist as an 'expert witness'.

3E. Pharmacology, uses and adverse effects of Olanzapine.

3F. Manifestations and management of 'Central anticholinergic syndrome'.

3G. Describe the comorbidities associated often with Autism (Pervasive developmental disorder).

3H. A 40 year old company executive from an upper socio economic family, with a high stress job and a hyperthymic, aggressive and driven personality has just had a CABG for three vessel disease. He is also diabetic and hypertensive. He has a spouse and a 15 year old son with both of whom there isn't much involvement or warmth. Discuss the psychosocial issues that may be contributing to his morbidity and psychological and behavioural medicine interventions you would carry out with him to help increase the chances of his future wellbeing.

3I. Characteristics of an 'ideal hypnotic' and how currently available drugs compare with the 'ideal'.

3J. Internet addiction disorder.

(7 marks × 10 = 70 marks)





**MANIPAL ACADEMY OF HIGHER EDUCATION**  
**MD (PSYCHIATRY) DEGREE EXAMINATION – JUNE 2020**

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

Saturday, June 06, 2020

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

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✍ **Answer ALL the questions.**

✍ **Essays:**

1. Discuss the risk factors, clinical manifestations, aetiopathology and management (acute and chronic) of stroke.

(15 marks)

2. Discuss the concept of 'Consultation-Liaison Psychiatry', its origins, impact and limitations with clinical examples.

(15 marks)

3. **Short notes:**

3A. Drug treatment of Dementia with 'Cognitive enhancers'.

3B. Clinical features and management of Segmental dystonia.

3C. Aetiopathology, clinical features and management of Neurocysticercosis.

3D. Neuropsychiatric manifestations of vitamin B12 deficiency.

3E. Clinical features and management of Psoriasis and its interface with Psychiatry.

3F. Patient – Psychiatrist Boundary issues in clinical practice.

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

3H. Evidence of 'Neural Plasticity' after childhood.

3I. Aetiology, clinical features and management of migraine.

3J. Aetiology, clinical features and management of phantom limb.

(7 marks × 10 = 70 marks)

