

Reg. No.

**MANIPAL ACADEMY OF HIGHER EDUCATION**  
**MD (PSYCHIATRY) DEGREE EXAMINATION – APRIL 2019**  
**SUBJECT: PAPER I: BASIC SCIENCES AS RELATED TO PSYCHIATRY**

Tuesday, April 02, 2019

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Long Essays:**

1. Discuss the uses of projective tests in Clinical psychiatry. Describe the structure, administration and interpretation of the Rorchach inkblot test.

(15 marks)

2. Describe the structure, connections and functions of the 'Cerebellum'.

(15 marks)

3. **Short notes:**

3A. Effect of ethno-cultural identity on psychiatric assessment.

3B. Theoretical contributions of Otto Rank.

3C. Structure and uses of the Bender Gestalt test.

3D. Incentive (pull) theories of motivation.

3E. Rating instruments used to assess Delirium.

3F. Neuronal plasticity of the adult brain.

3G. Blood Brain Barrier – location and clinical implications.

3H. Course of the 1<sup>st</sup> cranial nerve (with diagrams).

3I. Validity and reliability in research.

3J. What is propaganda? How does propaganda influence beliefs on mental illnesses?

(7 marks × 10 = 70 marks)



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**MD (PSYCHIATRY) DEGREE EXAMINATION – APRIL 2019**  
**SUBJECT: PAPER II: CLINICAL PSYCHIATRY**

Wednesday, April 03, 2019

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Long Essays:**

1. Discuss the neurobiology, clinical features, course, comorbidity and comprehensive management of Panic disorder with agoraphobia.

(15 marks)

2. Describe the new directions that psychiatric diagnoses may take in the near future and the theoretical reasons for the same.

(15 marks)

3. **Short notes:**

3A. Describe the management of nicotine dependence.

3B. Describe the clinical features and management of narcissistic personality disorder.

3C. Describe the historical origins of Paranoia, and clinical features of its contemporary equivalents.

3D. Describe the different domains of symptoms of schizophrenia and their implications to treatment and outcomes.

3E. Describe the clinical features and management of acute reaction to stress.

3F. Aetiology and manifestation of obsessive compulsive spectrum disorder.

3G. Manifestations and management of female sexual dysfunctions.

3H. Genetics of bipolar disorders.

3I. Cognitive deficits in schizophrenia and its management.

3J. Mindfulness based therapies for anxiety disorder- theory and evidence.

(7 marks × 10 = 70 marks)



**MANIPAL ACADEMY OF HIGHER EDUCATION****MD (PSYCHIATRY) DEGREE EXAMINATION – APRIL 2019****SUBJECT: PAPER III: PSYCHIATRIC THEORY AND PSYCHIATRIC SPECIALITIES**

Thursday, April 04, 2019

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Long Essays:**

1. Discuss the theoretical and practical aspects of Cognitive therapy for Depression and Anxiety. (15 marks)

2. Describe the clinical features and pathophysiology of Autism. (15 marks)

**3. Short notes:**

3A. Brief psychodynamically oriented psychotherapy.

3B. Drug treatment of Paraphilias and Hypersexual disorders.

3C. Milieu therapy in psychiatry.

3D. Antipsychiatry movement and its effect on modern psychiatry.

3E. A 20 year old girl from a middle income rural background, educated up to PUC, otherwise well adjusted but with premorbid fears and avoidance of violent scenes / blood / injections, presented with a 3 month history of episodes of 'Loss of consciousness' which started after witnessing a major family quarrel involving fistfights. The episodes are actually characterised by acute onset of intense spontaneous anxiety (panic attacks) lasting 2-3 minutes leading to a loss of posture but with partial awareness lasting 5-10 minutes followed by complete recovery. They are occurring at a frequency of 2-5 per week. Epilepsy has been ruled out. Discuss her diagnosis and non pharmacological management.

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

3G. Pathognomoncity and prevalence of Schneiderian First Rank symptoms in psychiatric disorders.

3H. Clinical features and management of Specific reading disorder.

3I. Non stimulant medications for ADHD.

3J. Premature ejaculation: evaluation and management.

(7 marks × 10 = 70 marks)

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## MD (PSYCHIATRY) DEGREE EXAMINATION – APRIL 2019

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

Friday, April 05, 2019

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

✍ **Long Essays:**

1. Discuss how psychiatric disorders / symptoms, personality traits and coping styles can affect medical disorders. Suggest appropriate remedial measures in this context giving appropriate clinical examples.

(15 marks)

2. Discuss the pathophysiology and management of stroke.

(15 marks)

**3. Short notes:**

3A. Aetiopathology and clinical features of Parkinson's disease.

3B. Clinical and investigational distinction between true and pseudo seizures.

3C. Medical and neuropsychiatric complications of Inhalant abuse.

3D. Clinical features and management of Atopic dermatitis.

3E. Clinical features, causes, course and outcomes of Depression in the elderly.

3F. Vagus nerve stimulation in psychiatry.

3G. 'Therapeutic drug monitoring' and its possible relevance in psychiatry.

3H. Psychological issues related to tubal ligation.

3I. Clinical features and management of fibromyalgia.

3J. Aetiology, clinical features and management of Wilson's disease.

(7 marks × 10 = 70 marks)

