

Reg. No.

# MANIPAL ACADEMY OF HIGHER EDUCATION

(Deemed University)

## MD (PSYCHIATRY) DEGREE EXAMINATION – JULY 2005

### SUBJECT: PAPER I: BASIC SCIENCES RELATED TO PSYCHIATRY

Monday, July 04, 2005

Time: 3 Hrs.

Max. Marks: 100

✍ Answer all the questions.

1. Write an essay on limbic system dysfunction and mental illness.

(20 marks)

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2. Discuss the relevance of operant conditioning in psychiatry.

(20 marks)

3. Write notes on:

3A. Attachment theory.

3B. Life events and psychiatric morbidity.

3C. Tests of formal thought disorder.

3D. Polymerase chain reaction.

3E. Serotonin and aggression.

3F. Neuroplasticity and psychiatric morbidity.

(10 × 6 = 60 marks)



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## MD (PSYCHIATRY) DEGREE EXAMINATION – JULY 2005

### SUBJECT: PAPER II: GENERAL PSYCHIATRY

Tuesday, July 05, 2005

Time: 3 Hrs.

Max. Marks: 100

**Answer all the questions**

1. Discuss the classification, comorbidity and outcome of depressive illness.  
(20 marks)
2. Describe the neurocognitive and neurobiological correlates of schizophrenia.  
(20 marks)
3. Write notes on:  
(10 × 6 = 60 marks)
  - 3A. Anankastic personality disorder.
  - 3B. Munchause syndrome.
  - 3C. Management of tobacco dependence.
  - 3D. Non affective remitting psychoses.
  - 3E. Management of rapid cycling affective disorder.
  - 3F. Management of somatoform pain disorder.



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**MD (PSYCHIATRY) DEGREE EXAMINATION – JULY 2005**

**SUBJECT: PAPER III: PSYCHIATRIC SPECIALITIES AND THERAPEUTICS**

Wednesday, July 06, 2005

Time: 3 Hrs.

Max. Marks: 100

☞ Answer all the questions

1. Discuss the brief dynamic psychotherapies including information on their efficacy. (20 marks)
  
2. Discuss the relevance of existing multiaxial classification in child psychiatry. (20 marks)
  
3. Write short notes on: (10 × 6 = 60 marks)
  - 3A. Testamentary capacity.
  - 3B. Role of randomized control trials in psychiatry.
  - 3C. Presentation, differential diagnosis and management of premenstrual dysphoric disorder.
  - 3D. Transcranial magnetic stimulation.
  - 3E. Pharmacology, uses and adverse effects if olanzapine.
  - 3F. Algorithms for the management of resistant depression.

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**MD (PSYCHIATRY) DEGREE EXAMINATION – JULY 2005**

**SUBJECT: PAPER IV: ORGANIC PSYCHIATRY, GENERAL MEDICINE AND NEUROLOGY  
AS APPLIED TO PSYCHIATRY AND RECENT ADVANCES**

Thursday, July 07, 2005

Time: 3 Hrs.

Max. Marks: 100

☞ Answer all the questions

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1. Describe recent findings in neuroimaging studies with reference to schizophrenia and affective disorders.

(20 marks)

2. Discuss the pathophysiology, clinical features, comorbidity and management of Parkinson's disease.

(20 marks)

3. Write notes on:

(10 × 6 = 60 marks)

3A. Disconnection syndromes.

3B. Wernicke's encephalopathy.

3C. Alpha coma.

3D. Causes and management of akathisia.

3E. Body image(body schema) disturbances seen with brain damage.

3F. Psychiatric syndromes associated with uremia.

