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## MANIPAL UNIVERSITY

MD (PSYCHIATRY) DEGREE EXAMINATION – APRIL 2013

SUBJECT: PAPER I: BASIC SCIENCES AS RELATED TO PSYCHIATRY

Tuesday, April 02, 2013

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

 Answer ALL the questions.

1. **Short notes:**

- 1A. 'Social cognition' and its relevance to understanding mental illness
- 1B. Characteristics and mechanisms of 'Dream work'
- 1C. Sampling methods in psychiatric epidemiology
- 1D. Psychosocial theories of Hallucinations
- 1E. Structure and uses of the Mini-Mental State Examination and 'HMSE'
- 1F. Lifetime morbid risk estimation with special reference to psychiatry
- 1G. Uses of EEG in psychiatry
- 1H. Structure, connections and functions of the Nucleus accumbens

(8×8 = 64 marks)

2. **Essays:**

- 2A. Describe the process of 'Cognitive development' in childhood and adolescence.
- 2B. Describe the anatomy, physiology and chemistry of consciousness.

(18×2 = 36 marks)



## MANIPAL UNIVERSITY

## MD (PSYCHIATRY) DEGREE EXAMINATION – APRIL 2013

## SUBJECT: PAPER II: CLINICAL PSYCHIATRY

Wednesday, April 03, 2013

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

**1. Short notes:**

- 1A. Uses of EEG in Clinical Psychiatry
- 1B. Pharmacology, adverse effects and uses of Naltrexone
- 1C. Describe the concept and features of 'Good Prognosis Schizophrenia'
- 1D. Distinguish clinically between Grief and Depression and describe their psychodynamic similarities and difference
- 1E. Clinical features and management of Periodic limb movement disorders in sleep
- 1F. Clinical features and management of Gender identity disorders
- 1G. Causes and management of rapid cycling bipolar illness
- 1H. Stress inoculation and anticipatory guidance

(8×8 = 64 marks)

**2. Essays:**

- 2A. Discuss the concept of 'comorbid diagnoses' in psychiatry and the implications of comorbidity to treatments and outcomes.
- 2B. Discuss the evolution of the concept of Acute Psychosis. Evaluate the studies on the course and outcome of Acute Psychosis with special reference to Indian literature.

(18×2 = 36 marks)



**MANIPAL UNIVERSITY****MD (PSYCHIATRY) DEGREE EXAMINATION – APRIL 2013****SUBJECT: PAPER III: PSYCHIATRIC THEORY AND PSYCHIATRIC SPECIALITIES**

Thursday, April 04, 2013

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

**✍ Answer ALL the questions.****1. Short notes:**

- 1A. Procedure, uses and efficacy of Jacobson's progressive muscle relaxation
- 1B. Mechanisms of action of ECT
- 1C. Conceptual and clinical issues related to 'Recurrent brief depressive disorder'
- 1D. Describe the 'Helsinki declaration' and its historical context
- 1E. Describe the SSRI induced sexual dysfunctions and their management
- 1F. Pharmacology, uses and adverse effects of Carbamazepine and Oxcarbazine
- 1G. A 20 year old medical student with premorbid health anxiety developed a febrile illness. During routine investigations her blood was drawn in the laboratory. At the same time she saw the requisition form for HIV testing of another patient (the patient being nowhere there nor any needles/blood spillage etc). Soon after, she developed a recurrent morbid fear of somehow having accidentally been infected with HIV during her laboratory tests. This led her to seeking HIV testing repeatedly and constant anxious thoughts about her possible serostatus. She became depressed and felt there was no use now in pursuing her studies. Despite these thoughts there was also acceptance of their irrationality. Any cause for anxiety would increase the HIV fears. Make a management plan for psychological intervention in her case.
- 1H. Clinical features and management of Specific writing disorder

(8×8 = 64 marks)

**2. Essays:**

- 2A. Critically evaluate the statement 'Childhood conduct disorder is the forms frustes of adult antisocial personality disorder'.
- 2B. Theory, procedure and efficacy of Dialectical Behaviour therapy for Borderline Personality disorder.

(18×2 = 36 marks)





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# MANIPAL UNIVERSITY

## MD (PSYCHIATRY) DEGREE EXAMINATION – APRIL 2013

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

Friday, April 05, 2013

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

**Answer ALL the questions.**

**1. Write short notes on:**

- 1A. Clinical features and management of Parkinsonism plus syndromes
- 1B. Clinical features and management of Systemic lupus erythematosus
- 1C. Classification, clinical features and management of migraine
- 1D. Clinical features and management of psychogenic excoriation
- 1E. Aetiopathology, diagnosis and management implications of vascular depression
- 1F. Post-stroke behavioural and their management
- 1G. Psychological aspects of mutilating accidents
- 1H. List the issues related to 'body image' after surgery

(8×8 = 64 marks)

**2. Essays:**

- 2A. Discuss the relationship between various characteristics related to head trauma and the occurrence of Psychiatric morbidity. Describe the various post head injury psychiatric sequelae.
- 2B. Describe the clinical, neuropsychological and pathological features of mild cognitive impairment (MCI). Discuss its possible continuity with Alzheimer's disease.

(18×2 = 36 marks)

