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MANIPAL UNIVERSITY

MD (PSYCHIATRY) DEGREE EXAMINATION – APRIL 2008

SUBJECT: PAPER I: BASIC SCIENCES RELATED TO PSYCHIATRY

Tuesday, April 01, 2008

Time: 3 Hrs.

Max. Marks: 100

✍ Answer all the questions.

1. **Short notes:**

- 1A. Social class and its relevance to mental illness.
- 1B. Primitive (immature) Defence mechanisms.✓
- 1C. Type I and Type II errors in research design.✓
- 1D. Social learning.✓
- 1E. Psychiatric Instruments used to measure psychotic symptoms – structure and uses.
- 1F. Twin studies in ascertaining genetic factors in mental illnesses.
- 1G. Corticotropin releasing hormone stimulation test.
- 1H. Structure, connections and functions of the Hippocampus.

(8×8 = 64 marks)

2. **Essays:**

- 2A. Discuss 'Attachment theories' and their implication to psychiatry.
- 2B. Describe the structure, connections and functions of the 'Basal Ganglia' (with diagrams).

(18×2 = 36 marks)

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MANIPAL UNIVERSITY

MD (PSYCHIATRY) DEGREE EXAMINATION – APRIL 2008

SUBJECT: PAPER II: GENERAL PSYCHIATRY

Wednesday, April 02, 2008

Time: 3 Hrs.

Max. Marks: 100

✍ Answer all the questions

1. **Short Notes:**

- 1A. The effect of Cartesian Dualism on Psychiatric theory.
- 1B. Differential diagnosis of Catatonia and distinction between organic and functional catatonia.
- 1C. Pharmacological management of negative symptoms in schizophrenia.
- 1D. Factors affecting the outcome of Bipolar disorder.
- 1E. Management of resistant OCD.
- 1F. Clinical features and management of Pathological gambling.
- 1G. Conceptual issues and clinical features of Schizophrenia spectrum disorders.
- 1H. The scope and description of the 'Defeat Depression' programme.

(8×8 = 64 marks)

2. **Essays:**

- 2A. Discuss the neurotransmitter abnormalities and related hypothesis in the causation of Anxiety disorders.
- 2B. Write an essay on 'Suicide' from a Biopsychosocial perspective.

(18×2 = 36 marks)



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MANIPAL UNIVERSITY**MD (PSYCHIATRY) DEGREE EXAMINATION – APRIL 2008****SUBJECT: PAPER III: PSYCHIATRIC SPECIALITIES AND THERAPEUTICS**

Thursday, April 03, 2008

Time: 3 Hrs.

Max. Marks: 100

Answer all the questions**K M C LIBRARY****1. Short notes:**

- 1A. Theoretical basis, indications and efficacy of Group therapy.
- 1B. Application of hypnosis in psychiatric disorders.
- 1C. Issues involved and methods used in the Cognitive rehabilitation of chronic psychotics.
- 1D. Describe the elements of 'Informed Consent' in Clinical Psychiatry and Psychiatric research.
- 1E. Aetiopathogenesis, presentation and management of neuroleptic induced akathisia.
- 1F. Pharmacology, uses and adverse effects of Serotonin-Norepinephrine Reuptake Inhibitors.
- 1G. A 26 year old married lady presented with a 2 yr history of pain in both lower limbs and difficulty in walking which started after the death of her father who had sexually abused her in her childhood and with whom she has always had stormy relations. In her adulthood she has had multiple brief and failed relationships, chronic dysphoria, various pain symptoms and three attempts at DSH. She seeks treatment for the pain in the lower limbs for which no organic cause has been found. Make a psychosocial formulation and describe your management plan.
- 1H. Psychosocial interventions in the treatment of ADHD.

(8×8 = 64 marks)

2. Essays:

- 2A. Write an essay on the applicability or otherwise of western models of psychotherapy in the Indian cultural context making a special reference to existing Indian literature in this area.
- 2B. Discuss the major physical and psychosocial issues contributing to poor quality of life in the elderly.

(18×2 = 36 marks)



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MANIPAL UNIVERSITY

MD (PSYCHIATRY) DEGREE EXAMINATION – APRIL 2008

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

Friday, April 04, 2008

Time: 3 Hrs.

Max. Marks: 100

✍ Answer all the questions

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1. **Short notes:**

- 1A. Risk factors and preventive measures for Delirium.
- 1B. Clinical features and management of the Post concussion syndrome.
- 1C. Clinical manifestations, management and sequelae of Herpes Simplex encephalitis.
- 1D. Neuropsychiatric aspects of Diabetes mellitus.
- 1E. Clinical features and management implications of 'late onset Bipolar disorder'.
- 1F. Cardiac safety of the atypical antipsychotics.
- 1G. Neural correlates of mentation in functional imaging studies.
- 1H. Fibromyalgia syndrome.

(8×8 = 64 marks)

2. **Essays:**

- 2A. Describe the Neuropathology, Neurochemistry, genetics and risk factors of Alzheimer's disease.
- 2B. Critically evaluate the efficacy and effectiveness of combined or sequenced drug + psychotherapy and either of them alone in the treatment of common psychiatric disorders.

(18×2 = 36 marks)

