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MANIPAL UNIVERSITY

MD (PSYCHIATRY) DEGREE EXAMINATION – APRIL 2012

SUBJECT: PAPER I: BASIC SCIENCES RELATED TO PSYCHIATRY

Monday, April 02, 2012

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

Answer ALL the questions.

1. Short notes:

- 1A. 'Stranger anxiety' in normal child development
- 1B. 'Instinct theory' in psychoanalysis
- 1C. Odds Ratio
- 1D. Neurological basis of Insight
- 1E. Tests of Formal thought disorder
- 1F. The concept of Genetic penetrance and its relevance to psychiatry
- 1G. Uses of polysomnography in psychiatry
- 1H. Structure and functions of the Pineal gland

(8×8 = 64 marks)

2. Essays:

- 2A. Describe the process of 'Social development' in childhood and adolescence.
- 2B. Discuss the psychological and biological theories of 'hallucinations'.

(18×2 = 36 marks)



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MANIPAL UNIVERSITY

MD (PSYCHIATRY) DEGREE EXAMINATION – APRIL 2012

SUBJECT: PAPER II: GENERAL PSYCHIATRY

Tuesday, April 03, 2012

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ **Answer ALL the questions.**

1. **Short notes:**

- 1A. ECG abnormalities commonly seen with psychotropic medications
- 1B. Pharmacology, adverse effects and uses of Buprenorphine
- 1C. Mechanism of activation of genes by psychotropic drugs
- 1D. Management of 'Mixed affective states'
- 1E. Evaluation of Sleep Apnea
- 1F. Cognitive theories of Anxiety
- 1G. Clinical features and management of Transvestism
- 1H. Describe the subtypes of receptors and the agonist - antagonist spectrum with diagrams.

(8×8 = 64 marks)

2. **Essays:**

- 2A. Write an essay on the 'pros and cons' of Descriptive vs Operationalised classification systems in Psychiatry citing research examples.
- 2B. Discuss the changing patterns of alcohol use and its related problems over time and their implications to our understanding the aetiology of alcohol dependence.

(18×2 = 36 marks)



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MANIPAL UNIVERSITY

MD (PSYCHIATRY) DEGREE EXAMINATION – APRIL 2012

SUBJECT: PAPER III: PSYCHIATRIC SPECIALITIES AND THERAPEUTICS

Wednesday, April 04, 2012

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

✍ Answer **ALL** the questions.

1. **Short notes:**

- 1A. Describe the role of Psychotherapy in the treatment of Schizophrenia.
- 1B. Procedure and results of psychosurgery in Resistant OCD
- 1C. Describe 'Bibliotherapy' and its results.
- 1D. List the basic principles of Medical ethics.
- 1E. Discuss the efficacy of antidepressants in children and adolescents.
- 1F. Pharmacology, uses and adverse effects of Lamotrigine
- 1G. Describe the manifestations of Chromosomal aberrations associated with mental retardation.
- 1H. A 14 year boy is brought for consultations by his parents with a history of disciplinary problems in school, gang activity, experimentation with substances and lack of conformity with domestic values and rules. He is sullen, doesn't want to talk to the doctor and angry with his parents. Discuss your short term and medium term management options including a detailed psychotherapeutic intervention plan.

(8×8 = 64 marks)

2. **Essays:**

- 2A. Discuss the scope and techniques of Behavioural Medicine.
- 2B. Discuss the relevance of the concept of 'Abnormal illness behaviour' to psychiatry.

(18×2 = 36 marks)



MANIPAL UNIVERSITY**MD (PSYCHIATRY) DEGREE EXAMINATION – APRIL 2012****SUBJECT: PAPER IV: ORGANIC PSYCHIATRY, GENERAL MEDICINE AND
NEUROLOGY AS APPLIED TO PSYCHIATRY AND RECENT ADVANCES**

Thursday, April 05, 2012

Time: 14:00 – 17:00 Hrs.

Max. Marks: 100

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

- 1A. Clinical and neuropsychological features of Temporal lobe damage
- 1B. Clinical features and management of Motor neuron disease
- 1C. Clinical features and management of Alopecia areata
- 1D. Concept and management of 'Vascular Depression'
- 1E. Vaccines for substance abuse disorders
- 1F. Qualities of an 'ideal' hypnotic and evaluation of available hypnotics
- 1G. Psychological aspects of Head and Neck cancers
- 1H. A 20 year old lady has been referred to you as a victim of sexual assault after gynaecological confirmation of the assault and necessary medico legal procedures. She appears to be in a state of psychological shock. Her family members are by her side for support and care. She apparently had a well adjusted premorbid personality with no pre-existing psychiatric morbidity. Discuss your plan of psychological intervention for her and the possible immediate, medium and long term psychological consequences of her experience.

(8×8 = 64 marks)

2. Essays:

- 2A. Describe the aetiology, neuropathology, clinical (including psychiatric) manifestations, course, prognosis and management of Huntington's disease.
- 2B. Discuss the occurrence, neurobiology and psychology of 'Placebo effect' in clinical practice.

(18×2 = 36 marks)

