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M. D. Examination, 2010

PSYCHIATRY

Paper - I

(Basic Sciences)

Time : Three Hours]

Maximum Marks :100

1. (a) Projective test in psychiatry. Describe any one in detail. 30
- (b) Theories of learning. 30 each
2. Write short notes on: 10 each
 - (a) Stages of sleep.
 - (b) Stages of consciousness.
 - (c) Serotonin receptors.
 - (d) Opioid receptors.
 - (e) Teratogenicity.
 - (f) Tatrogenicity.

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3. Write briefly about: 10 each
 - (a) Mature defence mechanisms.
 - (b) Immature defence mechanism.
 - (c) r-IMS in Psychiatry.
 - (d) f-MRI in Psychiatry.
 - (e) Glutamate in schizophrenia.
 - (f) Dopamine in schizophrenia.
 - (g) Biological basis of memory.
 - (h) Biological basis of emotions.

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M.D. EXAMINATION, 2010

PSYCHIATRY

Paper - II

(Clinical Psychiatry)

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prior to the onset of symptoms. Discuss the diagnosis, differential diagnosis and management of the case.

3. Write short notes on :

- (a) Serotonergic syndrome. 10
- (b) CATIE study. 10
- (c) Extracampine hallucination. 10
- (d) Systematic desensitisation. 10

Time : Three Hours]

[Maximum Marks : 100

1. What is metabolic syndrome ? What is the relevance of metabolic syndrome in psychiatry ? What are the guidelines for its prevention in patients suffering from psychotic disorders ? 30
2. A 30 year old woman developed symptoms for 2 months feeling sad anxious, loss of appetite, loss of weight of 5 kilograms in 2 months, symptoms worse in the morning, early morning awakening and marked suicidal preoccupation. The symptoms developed one month after the death of her husband in a motor vehicle accident one month

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M.D. EXAMINATION, 2010

PSYCHIATRY

Paper - III

(Therapies)

Time : Three Hours]

[Maximum Marks : 100

1. Discuss cognitive behavioural therapy in different psychiatric disorders. 30
2. Write short notes :
 - (a) Electro convulsive therapy. 15
 - (b) Group psychotherapy. 10
 - (c) Family therapy. 15
3. Discuss treatment of acute depression in bipolar disorder. 30

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prior to the onset of symptoms. Discuss the diagnosis, differential diagnosis and management of the case.

3. Write short notes on :
 - (a) Serotonergic syndrome. 10
 - (b) CATIE study. 10
 - (c) Extracampine hallucination. 10
 - (d) Systematic desensitisation. 10

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M. D. EXAMINATION, 2010

(Professional)

PSYCHIATRY SPECIALITIES

Paper - IV

Time : Three Hours]

[Maximum Marks : 100

Note :- Attempt all questions.

1. Discuss the epidemiology of childhood psychiatric disorders including Indian studies. 40
2. Write short essays on : 15
 - (a) Management of premature ejaculation.
 - (b) The procedures of admission and discharge of a patient to a mental hospital under the Mental Health Act.

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3. Write short notes on any three : 10
 - (a) Assessment of suicidal risk.
 - (b) Family therapy and its relevance in the Indian context.
 - (c) Concepts and strategies of harm reduction in substance use disorders.
 - (d) Eating disorders.

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M. D. Examination, 2011

PSYCHIATRY

Paper I

Time : Three Hours] [Maximum Marks : 100

Note : Attempt all questions.

1. Describe the anatomy of the Basal Ganglia.
Discuss their applied anatomy. 30
2. Write short essays on : 40
 - (a) Discuss the biological basis of memory in the light of neuroanatomical localization and neurochemical mediation.
 - (b) What are the learning theories?

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3. Write short notes on any three : 30
- (a) Describe the contributions of Sigmund Freud to Psychosocial Development. What applications do his theories have in the Psychotherapeutic process?
 - (b) Functional MRI in Psychiatry.
 - (c) Describe Half-way Homes. Discuss their current status in management of Psychiatric disorders.
 - (d) Describe disorders of sleep.

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M. D. Examination, 2011

PSYCHIATRY

Paper II

Time : Three Hours] [Maximum Marks : 100

Note : Attempt all questions.

1. Discuss the long term management of Mood Disorders. 30
2. Write brief essays on the following : 40
 - (a) The Neuropsychiatric manifestations of Alcoholism.
 - (b) Discuss Tardive Dyskinesia in detail.
3. Write short notes on any three : 30
 - (a) What is Neuroleptic Malignant Syndrome? Describe its etiopathogenesis and clinical picture. How is it managed?

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- (b) Which are the techniques of Behaviour therapy that are useful in OCD? Describe them in detail.
- (c) What do you understand by the 'Prodrome' of Schizophrenia? Discuss its clinical picture and course.
- (d) List the various Erectile Dysfunctions. What is the role of sildenafil in their management?



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M. D. Examination, 2011

PSYCHIATRY

Paper III

Time : Three Hours] [Maximum Marks : 100

Note : Attempt all questions.

1. Discuss the epidemiology of childhood psychiatric disorders (including Indian studies). 30
2. Write briefly on : 40
 - (a) Magnetic Resonance Spectroscopy
 - (b) Psychological problems of elderly
3. Write short notes on any **three** of the following : 30
 - (a) Neuroleptic Malignant Syndrome

- (b) Childhood sexual abuse
- (c) Role of self help groups in mental disorders
- (d) Psychiatric morbidity in cannabis abuse

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M. D. Examination, 2011

PSYCHIATRY

Paper IV

Time : Three Hours] [Maximum Marks : 100

Note : Attempt all questions.

1. Compare the safety profile of typical and Atypical Antipsychotics in the management of Schizophrenia. 30
2. Write short essays : 40
 - (a) Define intelligence. List the standardized tests used for testing intelligence. Discuss the Flynn effect.
 - (b) Describe pharmacodynamics, uses and adverse effects of varenicline.

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3. Write short notes on any three : 30
 - (a) What is the current status of Homosexuality in India?
 - (b) What is the clinical usefulness of the persons with Disabilities Act, 1995 in psychiatric disorders?
 - (c) Compare the safety and clinical effectiveness of SNRI's with TCA's.
 - (d) Discuss counselling in HIV-infected individuals.

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3097

M. D. Examination, 2012

PSYCHIATRY

Paper - I

(Basic Science to Psychiatry, Neuro
Anatomy, Neuro Chemistry and Neuro
Physiology)

Time : Three Hours] [Maximum Marks : 100

Note :- Attempt all questions.

1. Discuss the structure and function of amygdala. 30
2. Write short notes on :
 - (a) Carl Gustav Jung 10
 - (b) Psychological theory of aggression 10
 - (c) Chi-square 10
 - (d) Sublimation 10

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3. Discuss briefly :

- (a) Biochemical basis of drug addiction 10
- (b) Bender Gestalt test 10
- (c) Low self-esteem 10

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M. D. Examination, 2012

PSYCHIATRY

Paper - II

(Clinical Psychiatry)

Time : Three Hours] [Maximum Marks : 100

Note :- Attempt all questions.

1. Write an essay on neuro-developmental hypothesis of schizophrenia. 30
2. Write short notes on :
 - (a) Poltergeists 10
 - (b) Primary delusion 10
 - (c) Alfa 7 - nicotine receptor agonists 10
 - (d) Management of suicide attempt in schizophrenia. 10

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3. Discuss briefly :
 - (a) Poor responders to lithium 10
 - (b) Management of social phobia 10
 - (c) Schizotypal personality disorder 10

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M. D. Examination, 2012

PSYCHIATRY

Paper - III

(Therapies)

Time : Three Hours] [Maximum Marks : 100

Note :- Attempt all questions.

1. Describe the current status of National Mental Health Programme in India. 30
2. Write short notes on :
 - (a) Neuroethical issues in cognitive enhancement. 10
 - (b) Rett's syndrome. 10
 - (c) Medico-legal aspects of impotence. 10
 - (d) Tobacco control in India. 10

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3. Discuss briefly :

- (a) Laps and relapse prevention in drug-dependence treatment. 10
- (b) Draft Mental Health Care Act, 2010. 10
- (c) Response prevention. 10

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M. D. Examination, 2012

PSYCHIATRY

Paper - IV

(Psychiatry Specialities)

Time : Three Hours] [Maximum Marks : 100

Note :- Attempt all questions.

1. Classify headache. Discuss the management of Migraine. 30
2. Write short notes on :
 - (a) Post-menopausal dysphoric disorder. 10
 - (b) Phenyl ketonuria. 10
 - (c) Huntington's chorea. 10
 - (d) Varenicline. 10
3. Discuss briefly :

- (a) Delirium tremens. 10
- (b) Atomoxetine. 10
- (c) Glassgow coma scale. 10

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