24

Rajiv Gandhi University of Health Sciences

M.D. Degree Examination – May 2011

[Time: 3 Hours] [Max. Marks: 100]

PSYCHIATRY

PAPER – I (Revised Scheme)

Q.P. CODE : 7441

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

LONG ESSAY **2 X 20 = 40 Marks**

1. Discuss and compare the psychoanalytic theories of Freud and Jung
2. Discuss the neurobiology of sleep

SHORT ESSAY **6 X 10 = 60 Marks**

3. What are non – parametric tests
4. Describe the structure and functions of the hippocampus
5. Discuss the Thematic Apperception test and its application in Psychiatric disorders
6. Describe the synthesis, metabolism, pathways and receptors of GABA
7. What is Rational Emotive Therapy
8. Discuss genetic counseling and its role in Psychiatry

* * * * *

CENTRAL LIBRARY

25

Rajiv Gandhi University of Health Sciences

M.D. Degree Examination – May 2011

[Time: 3 Hours] [Max. Marks: 100]

PSYCHIATRY

PAPER – II (Revised Scheme)

Q.P. CODE : 7442

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

LONG ESSAY **2 X 20 = 40 Marks**

1. Discuss the current concepts in the neurobiology and management of Obsessive Compulsive Disorder
2. Discuss the concepts, assessment and management of Somatoform Pain

SHORT ESSAY **6 X 10 = 60 Marks**

3. Discuss the management of Anorexia Nervosa
4. What is Atypical depression? Discuss the concepts, epidemiology and management
5. Discuss the assessment of Cannabis – Induced Psychotic disorder
6. What are Misidentification syndromes? Describe
7. Discuss Neuropsychological testing in schizophrenia
8. Discuss the evaluation of a case with panic disorder

*****

CENTRAL LIBRARY

2b

7443_2011_1_S201.doc

Rajiv Gandhi University of Health Sciences

M.D. Degree Examination - May 2011

[Time: 3 Hours] [Max. Marks: 100]

PSYCHIATRY

PAPER – III (Revised Scheme)

Q.P. CODE: 7443

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

LONG ESSAY **2 X 20 = 40 Marks**

1. Discuss rehabilitation in Intellectual disability
2. Discuss the biology, clinical features and management of post partum psychiatric disorders

SHORT ESSAY **6 X 10 = 60 Marks**

3. Discuss the steps involved in Crisis Intervention
4. Describe Neuroleptic Malignant Syndrome. How is it managed
5. Discuss informed consent and its relevance to psychiatry
6. Discuss phosphodiesterase – 5 inhibitors and their uses
7. Discuss regarding the impact of culture on mental illness
8. Define Tourette's Syndrome. Evaluate the treatment options

*****

27

7444_2011_1_S201.doc

Rajiv Gandhi University of Health Sciences

M.D. Degree Examination - May 2011

[Time: 3 Hours] [Max. Marks: 100]

PSYCHIATRY

PAPER – IV (Revised Scheme)

Q.P. CODE : 7444

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

LONG ESSAY **2 X 20 = 40 Marks**

1. Discuss the causes and management of Depression in a medical setting
2. Discuss the medical complications and their management in Alcohol Dependence

SHORT ESSAY **6 X 10 = 60 Marks**

3. Discuss Mini Mental Status Examination and its application
4. Define Akathisia. Discuss epidemiological and management issues
5. Discuss the role of Neuro imaging in schizophrenia
6. Describe the Neuropsychiatric manifestations of systemic Lupus Erythematosis
7. Describe the pathogenesis and neuropsychiatric features of Wilson's disease
8. Discuss the mechanism of action, pharmacokinetics, side effects and uses of Lamotrigine

* * * * *

CENTRAL LIBRARY

28

Rajiv Gandhi University of Health Sciences

M.D. Degree Examination - Nov 2011

[Time: 3 Hours] [Max. Marks: 100]

PSYCHIATRY

PAPER – I (Revised Scheme)

Q.P. CODE : 7441

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

LONG ESSAY **2 X 20 = 40 Marks**

1. Write an essay on prefrontal cortex and its physiological connections. Describe how lesions in this region would affect the executive memory.
2. Who is Jean-Piaget? What are his contributions to neuro cognitive development theories?

SHORT ESSAY **6 X 10 = 60 Marks**

3. What are C-Fos and C-Jun genes?
4. What are Endogenous opiates and their relevance to psychiatry?
5. What is meant by Type 2 error and give an example?
6. What is NREM phase of sleep and discuss the common Parasomnias related to it?
7. What is Thematic Apperception Test and its practical uses?
8. What are Blood Brain Barriers and its relevance to psychopharmacology?

* * * * *

29

7442_2011_2_S204.doc

Rajiv Gandhi University of Health Sciences

M.D. Degree Examination - Nov 2011

[Time: 3 Hours] [Max. Marks: 100]

PSYCHIATRY

PAPER – II (Revised Scheme)

Q.P. CODE : 7442

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

LONG ESSAY **2 X 20 = 40 Marks**

1. Describe in detail about hypothalamo pituitary-adrenal axis and its relevance in the causation of various psychiatric disorders with special reference to depressive illness.
2. What are the common geriatric psychiatric disorders in India? Describe the clinical presentation and management of primary degenerative Dementias?

SHORT ESSAY **6 X 10 = 60 Marks**

3. What is polysomnography and its clinical utility in psychiatry?
4. Who are Neofreudeans? What is their contribution to psychoanalytical theory?
5. Describe the general principles in the management of alcohol withdrawal delirium.
6. Describe the functional Neuro-magnetic imaging and also describe its contribution towards understanding of some of the common psychiatric disorders.
7. Describe the concept of grief, mourning, death and dying.
8. Describe various theories in explaining psychosomatic illness and the role of stress management in its management.

* * * * *



20

Rajiv Gandhi University of Health Sciences

M.D. Degree Examination - Nov 2011

[Time: 3 Hours] [Max. Marks: 100]

PSYCHIATRY

PAPER – III (Revised Scheme)

Q.P. CODE: 7443

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

LONG ESSAY **2 X 20 = 40 Marks**

1. Discuss the management of a Fourteen year old male patient brought to the child psychiatry clinic with the main complaint of academic underachievement?
2. Describe the advantages and disadvantages of second generation Antipsychotic drugs.

SHORT ESSAY **6 X 10 = 60 Marks**

3. Discuss the Admission procedures under Mental Health act.
4. Discuss the concept of therapeutic window and its clinical applications.
5. Describe various neurotherapies in psychiatry.
6. What is District Mental Health Programme? Describe the various important components in the execution of DMHP.
7. What is Asenapine and its role in psychiatry?
8. What is the current status of post-partum psychosis?

*****

CENTRAL LIBRARY

Rajiv Gandhi University of Health Sciences

M.D. Degree Examination – Nov 2011

[Time: 3 Hours] [Max. Marks: 100]

PSYCHIATRY

PAPER – IV (Revised Scheme)

Q.P. CODE : 7444

Your answers should be specific to the questions asked.
Draw neat labeled diagrams wherever necessary. Answer all questions

LONG ESSAY **2 X 20 = 40 Marks**

1. Discuss the differential diagnosis and management of a 14 year old male brought to a psychiatrist with the symptoms of Truancy, poor concentration and cruelty towards animals along with a gradual decrease in academic performance of one year duration.
2. Discuss the long term management of Arterio sclerotic dementias?

SHORT ESSAY **6 X 10 = 60 Marks**

3. What is subacute sclerosing pan-encephalitis (SSPE). Describe the clinical features.
4. Discuss the management of a closed head injury.
5. What are Fugue states? Discuss the differential and management.
6. Write short notes on dementias associated with Vitamin B complex deficiency.
7. Describe the current concept of Epileptic personality.
8. What are the disconnection syndromes and common causes of such disorders?

* * * * *