7441_2009_1_S152

Rajiv Gandhi University of Health Sciences

M.D. Degree Examination – May - 2010

[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. Describe human cognitive development from birth to adolescence.
2. Describe the neurobiology of Aggression using appropriate diagrams.

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

3. What is 'Odds ratio'? What are its uses?
4. Describe the neural pathways, synthesis and metabolism of Dopamine with appropriate diagrams.
5. Describe the factors important to good 'listening' skills.
6. Describe the blood supply to the brain with appropriate diagrams.
7. Describe the types of epidemiological studies, their advantages and disadvantages.
8. Describe the Weschler Adult Intelligence Scale, its method of administration and uses.

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination – May - 2010

[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 evolution of the concept of personality disorders.
2. Describe the psychiatric disorders and psychological factors in people suffering from cancer. Discuss the management of Adjustment disorder occurring in the context of a cancer diagnosis.

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

3. Describe the efficacy and adverse effects of pharmacological treatments of Alcohol dependence.
4. Describe the methods for management of Opioid withdrawal.
5. What is resistant depression? Describe its management.
6. Describe the psychological factors affecting the morbidity and morality associated with ischemic heart disease.
7. Discuss the evaluation of a person with primary sleep disorder.
8. What are the domains of symptoms in schizophrenia? Describe th management o negative symptoms in schizophrenia.

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination – May - 2010

[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. Write an essay on the aetiopathology, clinical features, differential diagnosis and management of infantile autism.
2. Discuss the rationale of combining pharmacotherapy with psychotherapy in the treatment of 'Neurotic and stress related disorders' citing research evidence.

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

3. Describe the inheritance pattern and clinical features of Down's syndrome.
4. Describe the pharmacology, adverse effects and uses of Milnacipran.
5. Describe the contents, scoring and uses of Hamilton depression rating scale (HDRS).
6. Describe the admission procedures in the Mental health act of 1987.
7. Describe the National mental health programme.
8. Describe the technique, adverse effects, uses and efficacy of Deep brain stimulation in psychiatry.

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination – May - 2010

[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. Write an essay on the pathogenesis and manifestations of psychiatric disorders and psychological factors associated with chronic epilepsies.
2. Describe the manifestations and management of psychiatric disorders associated with endocrinopathies.

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

3. Describe the concept of Vascular depression.
4. Describe the neurological sequelae of chronic inhalant abuse.
5. Describe the pathology and clinical features of Lewy body dementia.
6. Describe the clinical features and list the common causes of Delirium.
7. Describe the pathology and clinical features of Huntington's disease.
8. Describe the acute management of stroke.

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination - October 2010

[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. Draw the structure of Limbic system. Identify the parts and discuss the neurophysiologic aspects of various parts and their relevance to psychiatry.
2. Describe the classical and operant conditioning and their practical application in the management of various psychiatric disorders.

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

3. What are auto receptors and their role in neurotransmission?
4. What are the concepts in gene therapy?
5. What are projective tests and how they are useful clinically?
6. What is the ethiology and its relevance to cognitive development?
7. What is the concept of Excitotoxicity in the etiology of psychiatric disorders?
8. What are Brain Derived Neurotrophic factors (BDNF) and their role in the perpetuation of depressive illness?

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination - October 2010

[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 the clinical management of insomnia.
2. Describe in detail about various imaging techniques of the Brain and the clinical utility in the diagnosis of common psychiatric illness.

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

3. How to access the general functioning of a patient suffering from psychiatric illness?
4. Describe the various drug interactions with lithium.
5. What are the seasonal affective disorders and their clinical standing in the present classificatory systems?
6. What are the psychiatric rating scales commonly used in schizophrenia? Describe any one of them.
7. What is Narcotic dependence and the basic principles in the management?
8. Describe the Dexamethasone suppression test and its clinical utility.

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination - October 2010

[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 principles in the rehabilitation of patients with chronic mental illness
2. Discuss the concept, etiology, criteria and management of Attention Deficit Hyperactivity Disorder

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

3. Discuss the clinical presentation of Serotonergic Syndrome
4. Describe Culture bound psychiatric syndromes
5. What is Modified ECT
6. Discuss the steps in Grief therapy
7. What is treatment Resistant Schizophrenia? Discuss its management
8. Discuss the pharmacology of quetiapine

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Rajiv Gandhi University of Health Sciences

M.D. Degree Examination – October 2010

[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. Write an essay on common causes, clinical presentation and the management of Delirium encountered in a General hospital setup.
2. Discuss various common psychiatric condition associated with thyroid dysfunction and management of these disorders.

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

3. Write a short note on the management of partial complex seizures.
4. What are the common types of head injuries and management of the sequelae?
5. What is pheochomocytoma? What is the usual clinical precaution and discuss the methods.
6. Write a short note on the management of narcolepsy-cataplexy syndrome.
7. What are the psychiatric manifestations of Huntington's chorea?
8. Describe the Lewy-Body dementia.

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