

# Rajiv Gandhi University of Health Sciences

M.D. Degree Examination – APRIL/MAY 2015

59

[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. Define Motivation. Discuss the application of motivation in learning and personality
2. Discuss the neurobiological basis of consciousness. Describe altered states of consciousness and their pathogenesis

#### SHORT ESSAY

6 X 10 = 60 Marks

3. What is Operant conditioning? Discuss its application
4. Describe the glutamate receptors. Add a note on drugs which act on these receptors
5. What is Linkage analysis
6. Discuss the applications of Attachment theory in psychiatry
7. Describe projective tests in psychoses
8. What is Chi – square test

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Rajiv Gandhi University of Health Sciences, Karnataka  
Post Graduate Degree Examination – MAY 2015

S8

Time: Three Hours

Max. Marks: 100 Marks

**MD PSYCHIATRY PAPER- II**  
**(Revised Scheme)**  
**Q. P. CODE: 7442**

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

**LONG ESSAYS**

**2 x 20 = 40 Marks**

1. Describe the 'Brain reward system' and its abnormalities in the context of acute and chronic exposure to drugs/substances of abuse.
2. Discuss the research evidence that psychosocial factors play a role in modifying the course and outcome of schizophrenia. Critically evaluate the cross cultural differences in the role of expressed emotions in schizophrenia.

**SHORT ESSAYS**

**6 x 10 = 60 Marks**

3. The effect of Cartesian Dualism on Psychiatric theory
4. Describe the epidemiology and medical morbidity of inhalant use disorder. Discuss the measures to be used to reduce its prevalence in 'street children'.
5. Genetics of Bipolar disorders
6. Clinical features and management of Pathological grief
7. Clinical features, comorbidities and management of Histrionic personality disorder.
8. Describe the findings of 'Mental illness in General health care'- A WHO International study.

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Rajiv Gandhi University of Health Sciences  
M.D. Degree Examination – MAY 2015

57

[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. Describe the theory and procedure of Dialectical Behaviour therapy for Borderline Personality disorder. Highlight how this therapy differs from other important psychological interventions.
2. Describe the clinical features, comorbidities, course, pathophysiology and management of Autism.

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

3. Describe the indications, procedure, results and adverse effects of Psychosurgery in OCD.
4. Stress management through Behavioural Medicine.
5. Mother-infant relationship disorders.
6. Velo-cardio-facial syndrome.
7. Clinical features and management of Specific reading disorder.
8. Ethical, psychological, legal issues related to adoption of children.

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# Rajiv Gandhi University of Health Sciences

M.D. Degree Examination – MAY 2015

56

[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. Describe the aetiology, neuropathology, clinical (including psychiatric) manifestations, course, prognosis and management of Huntington's disease.
2. Discuss the effects of psychological factors on the heart and heart disease risk.

#### SHORT ESSAY

6 X 10 = 60 Marks

3. Neuroanatomical localisation and clinical assessment of 'Aphasias'.
4. Clinical features and management of Syringomyelia.
5. Discuss how to distinguish between true and pseudo seizures.
6. Neuropsychiatric manifestations, evaluation and management of Pyridoxine deficiency.
7. Clinical features, implications and management of Mild cognitive impairment.
8. Qualities of an 'ideal' hypnotic and evaluation of available hypnotics.

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