Rajiv Gandhi University of Health Sciences, Karnataka

M.D. Degree Examination - 02-Jan-2025

Time: 3 Hours **Max. Marks: 100**

PSYCHIATRY
PAPER – I (RS-2/RS-3)
Q.P. CODE: 7441

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

Answer All The Questions **10 X 10 = 100 Marks**

1. Describe various neuropeptides and its role in etiology of psychiatric disorders
2. Role of nitric oxide in psychiatric disorders
3. Discuss neuroanatomy and neurophysiology of memory
4. Describe various adult personality assessments and their merits and demerits
5. ANOVA
6. Discuss novel genetic approaches in behavioral medicine
7. Describe neural circuitry of anxiety disorders
8. What is applied behaviour analysis? Mention its utility in clinical psychiatry
9. What is social learning theory? Mention its importance in understanding psychiatric disorders
10. What is positive psychology? Discuss its importance in contemporary psychotherapeutic practice

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M.D. Degree Examination – 04-Jan-2025

Time: 3 Hours **Max. Marks: 100**

PSYCHIATRY - PAPER – II
(RS-2/RS-3)
Q.P. CODE: 7442

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

Answer All The Questions **10 X 10 = 100 Marks**

1. Discuss biological basis of circadian rhythm. Describe various stages of sleep
2. Discuss phenomenology, neurobiology and management of OCD
3. Discuss predisposing and precipitating factors of delirium. Discuss management of delirium
4. Discuss categorical and dimensional aspect of classification. Discuss major changes in ICD 11 with respect to personality disorders
5. Discuss culture bound syndromes in psychiatry
6. Asenapine
7. Discuss alcohol dependence syndrome. Discuss management of alcohol dependence syndrome
8. Discuss the concept of "Bipolar spectrum disorder"
9. Classify movement disorders. What is tardive dyskinesia? Discuss management of tardive dyskinesia
10. What is chronic fatigue syndrome? What are it's psychiatric correlates? How will you manage a lady with chronic fatigue syndrome?

Rajiv Gandhi University of Health Sciences, Karnataka

M.D. Degree Examination – 06-Jan-2025

Time: Three Hours Max. Marks: 100 Marks

PSYCHIATRY - PAPER- III
(RS-2/RS-3)
Q. P. CODE: 7443

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

Answer All The Questions **10 x 10 = 100 Marks**

1. Clinical evaluation, psychometric assessment and management of children with intellectual disability
2. Current status of various brain stimulation methods in psychiatry practice
3. Use of cognitive enhancers in clinical practice
4. Psychotherapy of depression
5. Separation anxiety disorder
6. Disability assessment in mental health clinical practice
7. Psychiatrist as expert witness in the court of law
8. Substance abuse during adolescence
9. DHAT syndrome
10. Token economy

M.D. Degree Examination – 08-Jan-2025

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

PSYCHIATRY - PAPER – IV
(RS-2/RS-3)
Q.P. CODE: 7444

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

Answer All The Questions **10 X 10 = 100 Marks**

1. What are the neuropsychiatric manifestations of epilepsy? Note on Geshwind syndrome
2. Diagnostic criteria, evaluation and management of Delirium.
3. What is post concussion syndrome? Describe clinical features and management
4. What is mild cognitive impairment? Describe various types and its outcomes.
5. What are the medical complications of eating disorders?
6. Phenylketonuria – Etiology and neuropsychiatric manifestations
7. Pre post test HIV counseling.
8. Recent advances in diagnosis and pharmacotherapy of Alzheimer’s disease
9. Neuropsychiatric aspects of irritable bowel syndrome.
10. Advances in understanding post stroke depression

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Rajiv Gandhi University of Health Sciences, Karnataka

M.D. Degree Examination - 26-May-2025

Time: 3 Hours **Max. Marks: 100**

PSYCHIATRY
PAPER – I (RS-2/RS-3)
Q.P. CODE: 7441

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

Answer All The Questions **10 X 10 = 100 Marks**

1. Describe Neurobiology of Emotional regulation
2. Describe various types of glutamate receptors. Discuss the role of glutamate in psychiatric illness and therapeutics
3. Describe neurodevelopmental basis of Psychiatric disorders
4. Describe stages of sleep and mention relevant disorders
5. What is Psychoneuroendocrinology? Describe relevance of hypothalmo-pitutary-adrenal axis in psychiatric disorders
6. What is meta analysis? Mention various steps in conducting a systematic review and meta analysis
7. Describe various Gene Mapping Strategies with its advantages and disadvantages
8. Discuss various attachment theories with their clinical implication
9. What are culture bound syndromes? Discuss patho-plastic, pathogenic and patho elaborative effects of culture with an example
10. Discuss utility of neuropsychological assessment in clinical psychiatry

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M.D. Degree Examination – 28-May-2025

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

PSYCHIATRY - PAPER – II
(RS-2/RS-3)
Q.P. CODE: 7442

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

Answer All The Questions **10 X 10 = 100 Marks**

1. Current status of the diagnostic validity of Schizoaffective Disorder.
2. Management of Acute Manic Episode.
3. Predisposing factors for Intentional self-harm.
4. Need for Consultation Liaison Psychiatry in Cancer ward.
5. Eye Movement Desensitisation and Reprocessing (EMDR): Indications and procedure.
6. Causes of Premature Ejaculation.
7. Othello Syndrome.
8. Elder abuse.
9. Personality, novelty seeking and substance use.
10. Diagnostic criteria of Antisocial Personality Disorder.

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Rajiv Gandhi University of Health Sciences, Karnataka

M.D. Degree Examination - 30-May-2025

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

PSYCHIATRY - PAPER – III
(RS-2/RS-3)
Q.P. CODE: 7443

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

Answer All The Questions **10 X 10 = 100 Marks**

1. Diagnostic criteria, clinical presentation, evaluation and management of Learning Disorders.
2. Critically evaluate rational use of Psychotropics in various personality disorders.
3. Non pharmacological management of obsessive compulsive disorder.
4. Pre Menstrual Syndrome.
5. Oppositional defiant disorder.
6. Fitness to stand Trial.
7. Epidemiological studies in India.
8. Disability benefit and Mental illness.
9. Nominated representative.
10. Confidentiality.

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M.D. Degree Examination – 02-Jun-2025

Time: 3 Hours **Max. Marks: 100**

PSYCHIATRY - PAPER – IV
(RS-2/RS-3)
Q.P. CODE: 7444

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

Answer All The Questions **10 X 10 = 100 Marks**

1. What is post concussion syndrome? Describe clinical features and management
2. What are the medical complications of eating disorders?
3. Functional neuroimaging in psychiatric practice
4. What are the psychiatric manifestations of Parkinson’s disease? Discuss management of psychosis in Parkinsons disease
5. Role of tele psychiatry in current psychiatry practice
6. What is the role of psychiatrist in gender reassignment surgery?
7. Describe various sleep related movement disorders and its management
8. What is the role of a psychiatrist in palliative care?
9. What are the various amnestic disorders? Describe briefly substance induced amnestic disorders
10. What is the current relevance of the term Pseudodementia? Mention disorders associated with Pseudodementia

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Rajiv Gandhi University of Health Sciences, Karnataka

M.D. Degree Examination - 24/Sep/2025

Time: 3 Hours **Max. Marks: 100**

PSYCHIATRY
PAPER – I (RS-2/RS-3)
Q.P. CODE: 7441

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

Answer All The Questions **10 X 10 = 100 Marks**

1. Describe aggression. Write a note on biological and social determinants of aggression and it's clinical relevance
2. Describe Type 1 and type 2 errors in research design with an example
3. Describe structure and function of basal ganglia. Write a note on its role in psychiatric disorders
4. Discuss defence mechanisms. Elaborate defense mechanisms in OCD
5. Describe various types of glutamate receptors. Discuss the role of glutamate in psychiatric illness and therapeutics
6. Discuss non parametric tests and write a note on chi square test
7. What do you understand by adoption study? Discuss briefly about different designs of adoption study with special reference to psychiatry
8. Describe clinical implications of psycho neuro endocrinology
9. What do you understand by self actualization theory of Maslow? What are it's clinical implications?
10. Discuss neurobiological basis of memory

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M.D. Degree Examination – 26/Sep/2025

Time: 3 Hours **Max. Marks: 100**

PSYCHIATRY - PAPER – II
(RS-2/RS-3)
Q.P. CODE: 7442

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

Answer All The Questions **10 X 10 = 100 Marks**

1. Prophylaxis and Maintenance treatment for Bipolar Disorder
2. Classification of Personality Disorders
3. Assessment of Insight and its clinical relevance in Mental Illness
4. Assessment of Risks and treatment of Paraphilias
5. Polysubstance Abuse Clinical Presentation and Management
6. Malingering in Psychiatric Practice
7. First Episode Psychosis: Screening and Management
8. Specific Phobia: Types and Clinical relevance
9. Dissociative disorders. Clinical presentation and management
10. Mental health morbidities related to Menstrual Cycle

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Rajiv Gandhi University of Health Sciences, Karnataka

M.D. Degree Examination - 29/Sep/2025

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

PSYCHIATRY - PAPER – III
Q.P. CODE: 7443

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

Answer All The Questions **10 X 10 = 100 Marks**

1. Diagnostic criteria evaluation and management of Pervasive Development Disorders.
2. Critically evaluate the evidence base for the efficacy and safety of electroconvulsive therapy.
3. Psychotropic use during pregnancy.
4. Rating scales in Depression.
5. Mentalisation based therapies.
6. Confidentiality in psychiatry practice and research.
7. School refusal.
8. Psycho social management of Bipolar disorder.
9. Advance Directive
10. POCSO Act.

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M.D. Degree Examination – 03/Oct/2025

Time: 3 Hours **Max. Marks: 100**

PSYCHIATRY - PAPER – IV
Q.P. CODE: 7444

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

Answer All The Questions **10 X 10 = 100 Marks**

1. Discuss differential diagnosis and Evaluation of memory decline in a 60 year old male
2. Deep Brain Stimulation – sites, techniques and application in psychiatry
3. Mechanisms and management of psychotropic induced weight gain
4. Describe various neuropsychiatric aspects of epilepsy and their management
5. Genetic counseling in Psychiatric Practice
6. Management of Delirium in Intensive care Unit
7. Describe clinical features, comorbidities and management strategies of tic disorders
8. Euthanasia and Physician assisted Suicide controversies and role of psychiatrist
9. Describe various rating scales used in Movement disorders
10. Role of EEG in clinical psychiatry practice

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