

Syllabus for the post of
(1) Professor, Psychiatry, Class-I (Advt. No.: 48/2019-20)

Marks – 200

Questions-200

Medium: English

1. Basic Sciences as applied to psychiatry

Monoamine Neurotransmitters and their implications for Psychiatric Disorders. Excitatory Amino Acids in Psychiatric Disorders. Neuropeptides and their relevance to Psychiatry. Second Messenger Systems and Beyond. Basic and applied Electrophysiology. Magnetic Resonance and Implications for Psychiatry. Consciousness, Sleep and Dreaming, Chronobiology, Transcultural Psychiatry, Aggression: Psychology and Biology, Intelligence, Learning Theories, Information Processing: Brain Models of Mind, Experimental Animal Research and Implications for Mental Disorders.

2. Clinical Psychiatry

Approaching to Psychiatric Diagnosis and Classification. Etiology and Clinical Profile of Dementias. Organic Delusional, Mood and Personality Disorders. Concept and Typology of Schizophrenia. Biological Basis of Schizophrenia. Course, Outcome and Prognosis of Schizophrenia. Brief and Reactive Psychosis. Etiological Theories of Mood Disorders. Subtypes of Depressive Disorders and their Clinical Relevance. Course and Outcome of Mood Disorders. Paranoid Disorders. Concept and Typology of Personality Disorders. Antisocial Personality Disorders.

3. Anxiety disorders : Nosological status and natural history. Reactions to severe stress. Current concept of dissociative disorders. Somatization disorders : Diagnosis and clinical features. Nosological status and clinical features of Neurasthenia. Non organic sleep disorders. Recent advances in eating disorders. Management of premature ejaculation. Psychiatric aspects of homosexuality. Biological basis of anxiety. Habit and impulse disorders.

4. Models of psychotherapy: an overview. Scientific evaluation of efficacy of psychotherapy: methodological problems. Brief dynamic psychotherapies. Behavioral therapies. Cognitive therapies. Supportive psychotherapies. Psychological management of sexual dysfunctions. Comparative pharmacology of antipsychotic drugs. Short-term side effects of antipsychotic drugs and their management. Tandive dyskinesia: pathophysiology and management. Recent advances in antidepressant drug therapy. Management of a suicidal patient. Role of Lithium in Psychiatric disorders. Adjuncts and alternatives to Lithium in the management of mood disorders. Drug treatment of generalized anxiety and panic disorders. Recent advances in drug treatment of obsessive compulsive disorders. Electro-convulsive Therapy: current trends.

5. Human Rights of psychiatric patients. Ethics in Psychiatry. Epidemiology of psychiatric illness in Old Age with Special Reference to India. Current Issues in Management of Elderly Psychiatric Patients. Integration of Mental Health into Primary Care - Its Role and Future in India. Classification of Child and Adolescent Psychiatric Disorders. Learning Disorders of Childhood. Child Abuse and Neglect. School Refusal. Pervasive Development Disorders of

Childhood. Preventive Aspects of Child and Adolescent Psychiatric Disorders.
Neuro Psychological Assessment of Children.

6. Dementia: Differential Diagnosis and Management. Delirium: Differential Diagnosis and Management. Psychiatric Syndromes with Epilepsy. Neuro-psychiatric Sequel of HIV Infection. Consultation-Liaison Psychiatry. Psychological Aspects of Cardio-vascular Disorders. Psychological Aspects of Gastro-intestinal Disorders. The Terminally Ill Patient and Family. Psychological Aspects of Breast Cancer. Obesity. Concept and Assessment of Disability. Concept and Measurement of Quality of Life. Neuro-psychologic Assessment and its Relevance to Psychiatric Diagnosis and Management. Stress and Psychological Disorders. Psychological Aspects of Organ Transplantation.

7. Mental Healthcare Act, 2017

8. Mental Healthcare (Rights of Persons with Mental illness) Rules, 2018

9. RESEARCH METHODOLOGY

10. MEDICO LEGAL ASPECTS RELEVANT TO THE DISCIPLINE.

11. Indian Medical Council (Professional Conduct ETIQUETTE and Ethics) Regulations, 2002.

12. Current Trends and Recent Advancements in the field of Psychiatry.