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NIMHANS Entrance Exam Syllabus

NIMHANS Entrance Exam Neurology Syllabus

- Neuroanatomy
- Neurophysiology
- Molecular Biology
- Neurochemistry
- Neuropharmacology
- Neuropathology
- Neuromicrobiology
- Neurotoxicology
- Neurogenetics and Proteomics
- Neuroepidemiology
- General Evaluation of the Patient
- Coma
- Seizures and Epilepsy and Syncopes
- Headaches and other Cranial Neuralgias
- Cerebrovascular Diseases
- Dementias
- Parkinsonism and Movement Disorders
- Ataxic Syndromes
- Cranial Neuropathies
- CNS Infections
- Neuroimmunology Diseases
- Neurogenetic Disorders
- Developmental Disorders of Nervous System

- Myelopathies
- Peripheral Neuropathies
- Myopathies and Neuromuscular Junction Disorders
- Pediatric Neurology
- Cognitive Neurology and Neuropsychiatry
- Tropical Neurology

NIMHANS Entrance Exam Psychiatry Syllabus

- Functional and behavioral neuroanatomy
- Neurophysiology and Neuro-chemistry
- Neuro-imaging
- Electrophysiology (including chronobiology, electroencephalogram, etc
- Psychoneuroendocrinology
- Child Psychiatry (including Learning Disorders, Motor Skills Disorder, Communication Disorders, Pervasive Developmental Disorders (Autistic Disorder, Rett's Disorder, Childhood Disintegrative Disorder, Asperger's Disorder), Attention-Deficit/Hyperactivity Disorder, Conduct Disorder, Oppositional Defiant Disorder, Pica, Tic Disorders, Elimination Disorders, Separation Anxiety Disorder, Selective Mutism, Reactive Attachment Disorder of Infancy or Early Childhood, Stereotypic Movement Disorder, etc.))
- Neurogenetic disorder
- Classification In Psychiatry
- Theory of personality and personality disorders
- Abuse (Physical / Sexual) or Neglect Of Child /Adult
- Adjustment Disorder
- Anxiety Disorders (including Panic Disorder, Agoraphobia, Phobias, Obsessive-Compulsive Disorder, Posttraumatic Stress Disorder, Acute

Stress

Disorder, Generalized Anxiety Disorder, etc).

- Case-Presentations (including History Taking, Neurological Examination, Mental Status Examination etc.).
- Community psychiatry
- Consultation-Liaison Psychiatry
- Culture-Bound Syndromes
- Dissociative Disorders (including Dissociative Amnesia, Dissociative Fugue, Dissociative Identity Disorder, Depersonalization Disorder, etc.
- Eating Disorders (including Anorexia Nervosa, Bulimia Nervosa, etc.)
- Electro-Convulsive Therapy
- Emergencies In Psychiatry
- Emotional Intelligence
- Ethics In Psychiatry
- Factitious Disorders
- Forensic and Legal Psychiatry (including the Indian Lunacy Act, Mental Health Act, Persons with Disability Act, Narcotic Drugs and Psychotropic Substance Act)
- Impulse-Control Disorders (including Intermittent Explosive Disorder, Kleptomania, Pyromania, Pathological Gambling, Trichotillomania, etc
- Learning – Theories
- Memory
- Mental Retardation
- Miscellaneous: Non-compliance, Malingering, Antisocial Behaviour, Borderline Intellectual Functioning, Age-Related Cognitive Decline,

Bereavement [including Death], Academic Problems, Occupational Problems,

Identity Problems, Religious or Spiritual Problems, Acculturation Problems,

The phase of Life Problems, Chronic Fatigue Syndrome, etc.)

- Mood Disorders (including Depressive Disorders, Bipolar Disorders, Cyclothymic Disorder, etc.)
- Movement Disorders (including Medication-Induced Movement Disorders, etc)
- Organic Psychiatry (including Amnesic Disorders, Catatonic Disorder, Cerebrovascular Disorders, Delirium, Dementia, Endocrine Epilepsy, Head Injury, Headache, HIV – AIDS, Infections, etc.
- Neuropsychology (including Psychological Features of Cerebral Disorders, Clinical Assessment etc.)
- Pre-Menstrual Dysphoric Disorder
- Post-Partum Psychiatric Disorders
- Psychodynamics
- Psychology (Clinical)
- Psychometry/ Psychodiagnostics
- Psychopharmacology
- Psychosis (including Schizophrenia, Schizophreniform Disorder, Schizoaffective Disorder, Delusional Disorder, Brief Psychotic Disorder, Shared Psychotic Disorder, etc).
- Psychosomatic Disorders
- Psychotherapy

- Sexual And Gender Identity Disorders (including Sexual Desire Disorders, Sexual arousal Disorders, Orgasmic Disorders, Sexual Pain Disorders, Vaginismus, Paraphilias, etc)
- Sleep Disorders (including Insomnia, Narcolepsy, Breathing-Related Sleep Disorders, Circadian Rhythm Sleep Disorders, Parasomnias, Nightmare Disorder, Sleep Terror Disorder, Sleepwalking Disorder, etc.)
- Somatoform Disorders (including Somatization Disorder, Undifferentiated Somatoform Disorder, Conversion Disorder, Pain Disorder, Hypochondriasis, Body Dysmorphic Disorder, etc.)
- Statistics/ Research Methodology
- Stress and related disorders
- Stupor
- Substance-Related Disorders (including Alcohol-Related Disorders, Amphetamine-Related Disorders, Caffeine-Related Disorders, Cannabis-Related Disorders, Cocaine-Related Disorders, Hallucinogen-Related Disorders, Inhalant-Related Disorders, Nicotine-Related Disorders, Opioid-Related Disorders, Phencyclidine-Related Disorders, Sedative-, Hypnotic-, or Anxiolytic-Related Disorders, etc.)
- Suicidemanagement and medico-legal aspect
- Transcultural Psychiatry
- Rehabilitation of psychiatric patients
- Geriatric Psychiatry

NIMHANS Entrance Exam Neurosurgery Syllabus

- Neuroradiology
- Neuropathology
- Neuro-Biochemistry
- Neuroimmunology