

**POST GRADUATE EXAMINATION, APRIL - 2019**

**MD PSYCHIATRY  
(PAPER ONE)**

**BASIC SCIENCES APPLIED TO PSYCHIATRY**

**[Time allotted: Three hours]**

**[Max Marks: 100]**

**Note:** Attempt all questions  
Illustrate with suitable diagrams.

- Q. 1.** What are neuropeptides? What are the different types of neuropeptides? What is the role of neuropeptides in various psychiatric disorders? (20)
- Q. 2.** What is circadian rhythm? What are the brain structures involved in circadian rhythm? What is the role of circadian rhythm abnormalities in causation and relapse of affective disorders? (20)
- Q. 3. Describe briefly:** (3 x 10 = 30)
- a. Psychosexual stages of development
  - b. Pharmacokinetic drug interactions
  - c. Neurobiology of consciousness
- Q. 4. Write short notes on:** (5 x 6 = 30)
- a. Role of glutamate in schizophrenia
  - b. Anna Freud
  - c. Acting out
  - d. Epigenetics
  - e. Positron emission tomography

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X

**POST GRADUATE EXAMINATION, APRIL - 2019**

**MD PSYCHIATRY  
(PAPER TWO)  
CLINICAL PSYCHIATRY**

**[Time allotted: Three hours]**

**[Max Marks: 100]**

**Note:** Attempt all questions  
Illustrate with suitable diagrams.

**Q. 1.** What are the stages of treatment of depression? Discuss in detail assessment and management of first episode depression in an adult female patient. **(20)**

**Q. 2.** Discuss the assessment and principles of behaviour therapy for management of obsessive compulsive disorder? **(20)**

**Q. 3. Describe briefly:** **(3 x 10 = 30)**

- a. Narcissistic personality disorder
- b. Signs and symptoms of catatonia
- c. Acute and transient psychosis

**Q. 4. Write short notes on:** **(5 x 6 = 30)**

- a. Stages of grief reaction
- b. Mini mental status examination
- c. Supportive psychotherapy
- d. Dhat syndrome
- e. Metabolic syndrome

X

**POST GRADUATE EXAMINATION, APRIL - 2019**

**MD PSYCHIATRY  
(PAPER THREE)**

**PSYCHIATRY SUB-SPECIALTIES AND NEUROLOGY**

**[Time allotted: Three hours]**

**[Max Marks: 100]**

**Note:** Attempt all questions  
Illustrate with suitable diagrams.

- Q. 1.** What are the clinical features of attention deficit hyperkinetic disorder? What are the differential diagnoses of and principles of management attention deficit hyperkinetic disorders? (20)
- Q. 2.** What is the relationship of cannabis with psychotic disorders? What are the various hypothesis of association of cannabis and psychosis? (20)
- Q. 3. Describe briefly:** (3 x 10 = 30)
- a. Depression in elderly
  - b. Psychiatric aspects of traumatic brain injury
  - c. Psychiatric aspects of SLE
- Q. 4. Write short notes on:** (5 x 6 = 30)
- a. Acamprosate
  - b. Role of baclofen in management of alcohol dependence
  - c. Depression in Parkinson's disease
  - d. Delirium tremens
  - e. Healthy aging

X

**POST GRADUATE EXAMINATION, APRIL - 2019**

**MD PSYCHIATRY  
(PAPER FOUR)**

**RECENT ADVANCES IN PSYCHIATRY AND FORENSIC PSYCHIATRY**

**[Time allotted: Three hours]**

**[Max Marks: 100]**

**Note:** Attempt all questions  
Illustrate with suitable diagrams.

**Q. 1.** What is the Mental Health Care Act, 2017? Explain in detail its pitfalls. **(20)**

**Q. 2.** Discuss the assessment and management of treatment resistant depression. **(20)**

**Q. 3. Describe briefly:** **(3 x 10 = 30)**

- a. Mindfulness based CBT
- b. Behavioural addictions
- c. National Mental Health Policy

**Q. 4. Write short notes on:** **(5 x 6 = 30)**

- a. Deep brain stimulation
- b. Role of melatonin in management of delirium
- c. Recent developments in management of post-partum depression
- d. tDCS
- e. Neuroleptic malignant syndrome

X