

MD[Psychiatry]

BF/2023/12

**Basic Sciences as related to Psychiatry
[Paper-I]**

Time : 3 Hours

M.M.: 100

Note: Attempt all questions. All questions carry equal marks.

NO SUPPLEMENTARY SHEET SHALL BE ALLOWED/PROVIDED

The student must write Q.P. Code in the space provided on the Title page of the Answer Book.

Illustrate your answer with suitable diagrams.

1. Discuss limitations of psychological tests in psychiatry. [10]
2. How Nuremberg code is relevant in psychiatry research. [10]
3. What is forced normalization in psychiatry and its application in various therapy? [10]
4. What do you understand about pedagogy in Indian context? [10]
5. Enumerate pitfalls of hospital data based incidence and prevalence studies in psychiatry. [10]
6. Discuss melatonin and its application in psychiatry. [10]
7. Discuss contribution of PET scan in psychiatry. [10]
8. Discuss difference in human and artificial intelligence. [10]
9. Brief about Carl Gustav Jung. [10]
10. What is Broca's aphasia and its applicability in psychiatry? [10]

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Clinical Psychiatry
[Paper-II]

Time : 3 Hours

M.M.: 100

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The student must write Q.P. Code in the space provided on the Title page of the Answer Book.

Illustrate your answer with suitable diagrams.

1. Recent definition of treatment- Resistant schizophrenia. [10]
2. Concept of obsessive compulsive spectrum. [10]
3. Cognitive behavior therapy for depression. [10]
4. Renal side-effects of lithium. [10]
5. Psychotropics and pregnancy: What and when to give? [10]
6. Dhat syndrome. [10]
7. Neurobiology of erection. [10]
8. Club drugs. [10]
9. Role of endoxifen in management of bipolar disorder. [10]
10. Classification of somatic symptom disorder. [10]

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Psychiatry Theory & Psychiatric Specialties
[Paper-III]

Time : 3 Hours

M.M.: 100

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The student must write Q.P. Code in the space provided on the Title page of the Answer Book.

Illustrate your answer with suitable diagrams.

1. Enumerate common mental health problems in school going children. How will you strength school mental health? [10]
 2. How will you manage a pregnant lady in first trimester presenting with self-harm behavior? [10]
 3. Enumerate the causes of aggressive behaviour in a 12th class student. How will you examine him? [10]
 4. Classify typical antipsychotics. Enumerate their advantages and disadvantages over atypical antipsychotics. [10]
 5. Describe the contributions of five senior Indian Psychiatrists to mental health. [10]
 6. Classify culture bound syndromes. Describe the aetiology, presentation and management of culture bound syndromes in Northern India. [10]
 7. What are probiotics? Discuss the role of psychobiotics in the treatment of neuropsychiatric disorders. [10]
 8. What is M'Naghten rule? How will you do capacity assessment in an accused sent to court? [10]
 9. What is burnout? How will you assess, treat and prevent it in health care workers? [10]
 10. Discuss the role of physiotherapy in the management of depression and anxiety disorders. [10]
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Recent Advances in Psychiatry
[Paper-IV]

Time : 3 Hours

M.M.: 100

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The student must write Q.P. Code in the space provided on the Title page of the Answer Book.

Illustrate your answer with suitable diagrams.

1. Tele-MANAS [10]
2. Changes in ICD-11 over ICD-10 in addictive disorders [10]
3. Psychiatric uses for MDMA [10]
4. RTMS for treatment of depression [10]
5. Epidemiological characteristics of opioid use in Punjab, India [10]
6. Mobile Methadone maintenance treatment [10]
7. Long acting preparations of Naltrexone [10]
8. Legal status of suicide attempt in India [10]
9. NDPS act and use of controlled pharmaceutical drugs [10]
10. Management of gaming disorder [10]
