

Madhya Pradesh Medical Science University, Jabalpur
Post Graduate Degree Examination (Medical Faculty) July-2020

Paper Code- 20AM0118100591

Subject- Psychiatry

Paper-I

Time : 3 Hours

Maximum Marks : 100

Instructions:

- 1) Draw diagrams wherever necessary.
- 2) Answers of Questions and Sub questions must be written strictly according to the serial order of question paper, otherwise the question shall not be valued
- 3) Do not write anything on the blank portion of the question paper. If written anything, such type of act will be considered as an attempt to resort to unfair means.

1. Long Answer Question (Any Two)

2 X 20 = 40

- a. Describe basal ganglia and its functions in detail.
- b. Describe in detail about neurochemistry of serotonin and its applied aspects.
- c. Discuss various theories of intelligence and its measurement through various psychological tests.

2. Write in Brief (Any Six)

6X 10 = 60

- a. Event related potential.
- b. Theories of learning.
- c. Non- Parametric tests.
- d. Functional MRI.
- e. Carl Jung.
- f. Culture bound syndromes.
- g. Pharmacogenomics.
- h. Circadian rhythm disturbances.

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Paper-II

Time : 3 Hours

Maximum Marks : 100

Instructions:

- 1) Draw diagrams wherever necessary.
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1. Long Answer Question (Any Two)

2 X 20 = 40

- a. Alzheimer's Dementia.
- b. Alcohol dependence syndrome.
- c. Catatonia .

2. Write in Brief (Any Six)

6X 10 = 60

- a. Generalised tonic- clonic seizure
- b. Vascular depression.
- c. Indicators of organicity in Psychiatric syndrome.
- d. Wernicke's encephalopathy.
- e. QT prolongation.
- f. Opioid withdrawal.
- g. Enzyme induction.
- h. Tics.

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Paper-III

Time : 3 Hours

Maximum Marks : 100

Instructions:

- 1) Draw diagrams wherever necessary.
- 2) Answers of Questions and Sub questions must be written strictly according to the serial order of question paper, otherwise the question shall not be valued
- 3) Do not write anything on the blank portion of the question paper-such type of act will be considered as an attempt to resort to unfair means.

1. Long Answer Question (Any Two)

2 X 20 = 40

- a. Describe in detail about Post traumatic stress disorder.
- b. Discuss in detail about etiology, classification and management of obsessive compulsive and related Disorders.
- c. Discuss in detail about Attention deficit hyperactive Disorder (ADHD).

2. Write in Brief (Any Six)

6X 10 = 60

- a. Folie à deux .
- b. Rapid Cycling mood Disorder .
- c. Behavioral and psychological symptoms of dementia.
- d. Y-BOC Scale .
- e. Dialectical Behavioral Therapy .
- f. Psychotropic drugs in hepatic dysfunction.
- g. Hypoactive sexual desire disorder.
- h. Tele psychiatry .

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Madhya Pradesh Medical Science University, Jabalpur
Post Graduate Degree Examination (Medical Faculty) July-2020

Paper Code- 20AM0118100594

Subject- Psychiatry

Paper-IV

Time : 3 Hours

Maximum Marks : 100

Instructions:

- 1) Draw diagrams wherever necessary.
- 2) Answers of Questions and Sub questions must be written strictly according to the serial order of question paper, otherwise the question shall not be valued
- 3) Do not write anything on the blank portion of the question paper-such type of act will be considered as an attempt to resort to unfair means.

1. Long Answer Question (Any Two)

2 X 20 = 40

- a. Psychiatry and COVID-19
- b. Neuroimaging in Psychiatry
- c. Antioxidants, Vitamins and minerals in Psychiatry

2. Write in Brief (Any Six)

6X 10 = 60

- a. CSTC loop
- b. Tele- Psychiatry
- c. Psychosis in DSM-V
- d. Community Outreach teams in Psychiatry
- e. Magnetic stimulation of Brain
- f. Dopaminergic Strategies in treatment of Depression
- g. Biology of Homosexuality
- h. Hoarding

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