

**The West Bengal University of Health Sciences**  
**M.D. (Psychiatry) March- April, 2020 Examination**

**Paper: I**

**Full Marks: 100**  
**Time: 3 Hours**

*Attempt all questions*

1. Describe the importance of basal ganglia in neuropsychiatry. 10
2. What is endophenotype? Elaborate briefly. 5+5
3. Briefly write the neurobiology of emotion. 10
4. Briefly write the neuroscience of addiction. 10
5. What are novel neurotransmitters? Describe two of them. 5+5
6. Importance of functional neuroimaging in psychiatry. 10
7. Write briefly on intracellular signal transduction. 10
8. Write a short essay on neuroplasticity. 10
9. Write a short note on linkage analysis. 10
10. Write a brief description on survival analysis. 10