

M. D. (PSYCHIATRY) : Winter - 2022
SUBJECT : PAPER – I : BASIC SCIENCES AS RELATED TO PSYCHIATRY

Day : Friday

Time : 01:30 PM-04:30 PM

Date : 16-12-2022

W-722-2022

Max. Marks : 100

N. B. :

- 1) All questions are **COMPULSORY**.
 - 2) Figures to the right indicate **FULL** marks.
 - 3) Draw neat and labelled diagrams **WHEREVER** necessary.
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Long answer Questions:

- Q. 1** Describe Basal ganglia and its importance in psychiatry. (15)
- Q. 2** Enumerate theories of personality. Describe presentation and management of borderline personality disorder. (15)

Short answer Questions: (ANY SEVEN out of Eight)

- Q. 3** Neurobiology of aggression. (10)
- Q. 4** Regulatory mechanisms in genomics and proteomics. (10)
- Q. 5** Carl Jung. (10)
- Q. 6** Psychiatric epidemiology. (10)
- Q. 7** Robotics in Psychiatry. (10)
- Q. 8** Logistic Regression. (10)
- Q. 9** Sigma receptors in Psychiatry. (10)
- Q. 10** Principles of cognitive behavior therapy in obsessive compulsive disorder. (10)

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