

STELLA MARIS COLLEGE (AUTONOMOUS) CHENNAI 600 086
(For candidates admitted during the academic year 2019 – 2020 & thereafter)

SUBJECT CODE: 19PY/MC/BP23

B. Sc. DEGREE EXAMINATION, APRIL 2022
PSYCHOLOGY
SECOND SEMESTER

COURSE : MAJOR – CORE
PAPER : BIOLOGICAL PSYCHOLOGY II
TIME : 3 HOURS **MAX.MARKS:100**

SECTION – A

I. ANSWER ALL QUESTIONS. EACH ANSWER NOT TO EXCEED 50 WORDS.
(10X3=30)

1. Define Neuroplasticity.
2. Differentiate between homeostasis and allostasis.
3. Identify three neurodevelopmental disorders.
4. Name three important hormones associated with the sex drive.
5. Name the phases of neurodevelopment.
6. Define Amnesia.
7. Differentiate between anterograde and retrograde amnesia.
8. What are eating disorders? Name any two.
9. State James Lange's theory of emotion.
10. What is pure autonomic failure?

SECTION – B

II. ANSWER ANY FIVE QUESTIONS. EACH ANSWER NOT TO EXCEED 250 WORDS.
(5X8=40)

11. Discuss and contrast osmotic and hypovolemic thirst.
12. Illustrate the postnatal development in adults.
13. Elucidate the functions of emotions.
14. Describe the organizing and activating effects of sex hormones.
15. Discuss the role of the striatum in memory.
16. Discuss the phases of neurodevelopment.
17. Expand on the contributions of the left and right hemispheres.
18. Illustrate the different types of amnesia.

SECTION – C

III. ANSWER ANY TWO QUESTIONS. EACH ANSWER NOT TO EXCEED 1200 WORDS.
(2X15=30)

19. Discuss in detail the H.M case and its findings.
20. What are the evolutionary interpretations of mating behavior?
21. Discuss in detail the significant role leptin, glucose and glucagon play in hunger.
22. Elaborate on the neurobiological basis of emotions.
