

STELLA MARIS COLLEGE (AUTONOMOUS) CHENNAI 600 086
(For candidates admitted during the academic year 2023 – 2024)

B. Sc. DEGREE EXAMINATION, APRIL 2024
PSYCHOLOGY
SECOND SEMESTER

COURSE : MAJOR – CORE
PAPER : BIOLOGICAL PSYCHOLOGY II
SUBJECT CODE : 23PY/MC/BP23
TIME : 3 HOURS

MAX.MARKS:100

| Q. No. | SECTION A | (10 x 3=30) | CO | KL |
|---------------|---|--------------------|-----------|-----------|
| | Answer all the questions not exceeding 50 words | | | |
| 1. | Define Neuroplasticity. | | CO1 | K1 |
| 2. | What is Neurogenesis and Neuron Death? | | CO1 | K1 |
| 3. | Define Allostatis. | | CO1 | K1 |
| 4. | ‘Fever is an adaptation to fight illnesses’, justify it. | | CO1 | K1 |
| 5. | Write the functions of Vasopressin. | | CO1 | K1 |
| 6. | Differentiate Bulimia Nervosa and Anorexia Nervosa. | | CO2 | K2 |
| 7. | What is Engram? | | CO2 | K2 |
| 8. | Distinguish Anterograde and Retrograde amnesia. | | CO2 | K2 |
| 9. | Enlist the physiological reactions of Emotions. | | CO2 | K2 |
| 10. | Define Flight-or-fight response. | | CO2 | K2 |
| Q. No. | SECTION B | (5 x 8=40) | CO | KL |
| | Answer all the questions not exceeding 400 words | | | |
| 11. | a) Write an elaborate note on Autism. (or) b) Give a detailed note on Motor disorders. | | CO4 | K4 |
| 12. | a) Explain the necessity of body temperature and its internal regulation. (or) b) Why human beings mate according to evolutionary psychology? | | CO4 | K4 |
| 13. | a) Examine the process of Osmotic thirst. (or) b) Illustrate and brief on Glucose, Insulin, and Glucagon. | | CO4 | K4 |

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| 14. | a) Explain the localized representations of learning and memory. (or) b) Evaluate the various memory loss occurs due to brain damage. | CO5 | K5 |
| 15 | a) Analyse the Autonomic arousal and Emotions. (or) b) Discuss the functions of emotions. | CO5 | K5 |
| Q. No. | SECTION C (2 x 15=30) Answer any 2 questions not exceeding 800 words | CO | KL |
| 16. | Synthesise the phases of Neurodevelopment. | CO3 | K3 |
| 17. | Differentiate and elaborate the organizing and activating effects of sex hormones. | CO3 | K3 |
| 18. | Elucidate your brain mechanisms when you are feeling hungry. | CO3 | K3 |
| 19. | Detail the brain areas and its functions relating to memory. | CO3 | K3 |
