

**STELLA MARIS COLLEGE (AUTONOMOUS) CHENNAI 600 086**  
**(For candidates admitted during the academic year 2016 – 2017 & thereafter)**

**SUBJECT CODE: 16PY/AC/BI25**

**B. Sc. DEGREE EXAMINATION, APRIL 2019**  
**PSYCHOLOGY**  
**SECOND SEMESTER**

**COURSE : ALLIED – CORE**  
**PAPER : FOUNDATIONS OF BIO PSYCHOLOGY**  
**TIME : 3 HOURS** **MAX.MARKS:100**

**SECTION – A**

**I. ANSWER ALL QUESTIONS. EACH ANSWER NOT TO EXCEED 50 WORDS.**  
**(10X2=20)**

1. Define bio psychology
2. List career prospects in the field of bio psychology.
3. What is hydrocephalus?
4. What is the function of the cerebellum?
5. What is salutatory conduction?
6. What is IPSP?
7. What are hallucinogens?
8. What is tolerance?
9. What is the function of the myelin sheath?
10. What is exocytosis?

**SECTION – B**

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

11. Explain how hereditary and environment can impact behaviour.
12. Describe the function of the Autonomic nervous system.
13. What is the function of the ventricles?
14. How does the blood brain barrier work?
15. What are the factors that maintain the resting potential.
16. What is an EEG? List the applications of EEG.
17. Write a note on alcohol addiction and the medical complications due to alcoholism.
18. Describe the function of the temporal lobe.

**SECTION – C**

**III. ANSWER ANY TWO QUESTIONS. EACH ANSWER NOT TO EXCEED 1200 WORDS.**  
**(2X20=40)**

19. Describe the structure and function of the Central Nervous System.
20. Describe the chemical events that take place at the synapse.
21. Give an account of the different psychoactive substances and their effects.
22. Describe the biological explanations to behavior with birdsong as an example.

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