



19101928

QP CODE: 19101928

Reg No :

Name :

B.Sc.DEGREE (CBCS) EXAMINATION, MAY 2019

Second Semester

B.Sc Psychology Model I

Complementary Course - **PY2CMT05 - BIOLOGICAL BASIS OF BEHAVIOUR**

2017 ADMISSION ONWARDS

A76806DB

Maximum Marks: 80

Time: 3 Hours

Part A

Answer any **ten** questions.

Each question carries **2** marks.

1. What is second filial generation?
2. What is hemizygous condition?
3. What is Spontaneous mutation?
4. What causes galactosemia?
5. What is Turner syndrome?
6. What are Lactogens? What are its functions?
7. What is hypothalamus?
8. What are the different physiological indicators of stress
9. How does the emotions cause stress
10. What do you mean by electroencephalography
11. What do you mean by wakefulness
12. Define biologicalclock

(10×2=20)

Part B

Answer any **six** questions.

Each question carries **5** marks.

13. Explain the three main properties by which a gene is described





14. Distinguish between dominant and recessive mutation
15. Explain the chromosomal anomaly due to Trisomy 18
16. Write a short note on brain and sexual behaviour
17. Which regions of the brain are involved in the perception of fear and anger? How?
18. What are different stages of stress
19. Describe briefly the hormonal indicators of stress
20. Stress cause aging! Justify your answer with reasons
21. Write short note on the Physiological measures of alertness

(6×5=30)

Part C

Answer any **two** questions.

Each question carries **15** marks.

22. Write an essay on the different types of gene mutations.
23. Write an essay on gene mutation disorders
24. Write an essay on sexual development & sexual orientation
25. Describe shortly the terms of Arousal, Sleep and Circadian Rhythms

(2×15=30)

