

QP CODE: 20101308



Reg No :

Name :

B.Sc.DEGREE (CBCS) EXAMINATION, NOVEMBER 2020

Second Semester

B.Sc Psychology Model I

Complementary Course - PY2CMT05 - BIOLOGICAL BASIS OF BEHAVIOUR

2017 ADMISSION ONWARDS

6995C123

Time: 3 Hours

Max. Marks : 80

Part A

*Answer any **ten** questions.*

*Each question carries **2** marks.*

1. What is transcription?
2. What is induced mutation?
3. What is silent mutation?
4. What is Brachydactyli?
5. What do you mean by Trisomy 21?
6. What is meant by sexual behaviour?
7. What is the role of amygdala in sexual behaviour?
8. What are the different stages of stress response?
9. What are the hormones involved during stress?
10. What do you mean by arousal?
11. What is alertness?
12. Define electroencephalography.

(10×2=20)

Part B

*Answer any **six** questions.*

*Each question carries **5** marks.*

13. Describe sex-limited genes with examples.





14. Describe a metabolic disorder in which synthesis of melanin is arrested.
15. Write notes on Turner syndrome.
16. Describe the external cues of sexual behaviour.
17. Write notes on brain and sexual behaviour.
18. Describe briefly the anatomical indicators of stress.
19. How will you relate stress and its relation with diseases?
20. Explain the relationship with stress and endorphins
21. Write short note on the Physiological conceptions of wakefulness.

(6×5=30)

Part C

*Answer any **two** questions.*

*Each question carries **15** marks.*

22. Write an essay on Mendel's Principles.
23. Write an essay on different chromosomal aberrations.
24. Write an essay on the physiological basis of emotions.
25. Write an essay on biological clock.

(2×15=30)

