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TB243675S

Reg. No :

Name :

BACHELOR'S DEGREE (C.B.C.S) EXAMINATION, NOVEMBER 2024

2023 ADMISSIONS REGULAR

SEMESTER III - COMPLEMENTARY COURSE 2 NUTRITION & DIETITICS

ND3C06B20 - Human Anatomy and Physiology III

Time : 3 Hours

Maximum Marks : 80

Part A

I. Answer any Ten questions. Each question carries 2 marks

(10x2=20)

1. List out the releasing and inhibitory hormones secreted by hypothalamus.
2. List out hormones secreted by anterior and posterior pituitary.
3. Comment on ANP secreted by heart.
4. What are spermatogenic cells?
5. What is mean by PMS?
6. What is cryptorchidism?
7. Describe Palatopharyngeus muscle.
8. Discuss on myofibril.
9. Write a note on smooth muscle.
10. Enumerate the functions of cerebrum.
11. Describe CSF.
12. Describe the lobes of cerebral cortex.

Part B

II. Answer any Six questions. Each question carries 5 marks

(6x5=30)

13. Brief on catecholamines.
14. Brief on hormones secreted by posterior pituitary.
15. Explain the pathway for the passage of sperm.
16. Explain the regulations of menstrual cycle.
17. What are the functions of progesterone?
18. Discuss the functions of muscular system.
19. Discuss on structural muscle proteins.
20. Discuss the properties of nerve fibre.
21. Explain sympathetic and parasympathetic nervous system.

Part C

III. Answer any Two questions. Each question carries 15 marks

(2x15=30)

22. Write an essay on role of insulin and glucagon in regulation of blood glucose level.
23. Elaborate on organs of male reproductive system.
24. Explain the biochemical events in muscular contraction.
25. Discuss on nerve impulse and the mechanism of nerve impulse transmission.