



24027202

**QP CODE: 24027202**

**Reg No** : .....

**Name** : .....

**B.Sc DEGREE (CBCS) REGULAR / IMPROVEMENT / REAPPEARANCE  
EXAMINATIONS, OCTOBER 2024**

**Third Semester**

B.Sc Clinical Nutrition and Dietetics Model III

**COMPLEMENTARY COURSE - CN3CMT06 - PHYSIOLOGY-HUMAN ANATOMY &  
PHYSIOLOGY III**

2017 Admission Onwards

2A9D847F

Time: 3 Hours

Max. Marks : 80

**Part A**

*Answer any **ten** questions.*

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

1. Write down any 4 important features of hormone.
2. What is Adrenocorticotrophic Hormone?
3. What are the functions of thyroid hormones?
4. Explain various hormones produced by the adrenal medulla.
5. What is the function of ovarian hormones?
6. What is testosterone?
7. What is the function of Thymosin?
8. What is the function of penis?
9. Write on male sex hormone and mention their function.
10. Explain premenstrual phase.
11. What is 'A' band and 'I' band?
12. What are the types of Glial cells?

(10×2=20)





### Part B

Answer any **six** questions.

Each question carries **5** marks.

13. Write a note on thyroid gland and pineal body.
14. Pancreas function as both exocrine and endocrine. Justify the statement.
15. What is Pineal body and explain the functions of hormones produced by Pineal body?
16. What is hyper and hypoadrenalism and mention their characteristic features?
17. What is puberty and what are the changes occur in humans during puberty?
18. What is fertilization and write on development of fertilized ovum?
19. What is parturition and write on various events occur during parturition?
20. Write an essay on types of muscles with suitable pictures.
21. Write an essay on ANS.

(6×5=30)

### Part C

Answer any **two** questions.

Each question carries **15** marks.

22. What is endocrine system and explain parathyroid gland, various hormones produced by parathyroid gland and also mention the functions of hormone?
23. What is endocrine system and explain placenta, various hormones produced by placenta and also mention the functions of each hormones produced by placenta?
24. Explain- CNS, PNS and ANS.
25. What is menstruation and menopause and discuss signs and symptoms or changes in menopause?

(2×15=30)

