



QP CODE: 25019632



25019632

Reg No : .....

Name : .....

**B.Sc DEGREE (CBCS) ) REGULAR/ IMPROVEMENT/ REAPPEARANCE / MERCY  
CHANCE EXAMINATIONS, FEBRUARY 2025**

**Fourth Semester**

B.Sc Clinical Nutrition and Dietetics Model III

**Complementary Course - CN4CMT08 - PHYSIOLOGY - HUMAN ANATOMY &  
PHYSIOLOGY IV**

2017 Admission Onwards

10B76C59

Time: 3 Hours

Max. Marks : 80

**Part A**

*Answer any **ten** questions.*

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

1. What is stratumgerminatum?
2. What is fundus oculi?
3. Draw the structure of ear and label it's parts.
4. Explain nasal obstructions.
5. What is skin cancer?
6. What is ageusia?
7. Characteristics of pelvic girdle.
8. Role of acid base balance in bone formation.
9. What is blood pressure? And what is the normal blood pressure.
10. Explain role of hypothalamus in temperature regulation.
11. What is acute cerebral oedema?
12. What is open-circuit SCUBA?

(10×2=20)

**Part B**

*Answer any **six** questions.*

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





13. Write on taste buds and papillae of tongue.
  14. Explain inner ear diseases.
  15. What are the different vision disorders of human? Explain.
  16. Classification of synovial joints.
  17. What is ossification?
  18. Write a note on growth of bone.
  19. Explain nervous regulation of heart rate.
  20. What are the different methods used to eliminate nitrogen from the body?
  21. Explain physiological alterations of body mechanisms on exposure to cold atmosphere.
- (6×5=30)

### Part C

*Answer any **two** questions.*

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

22. Explain the structure of nose with diagram and label it's parts.
  23. Elaborate the axial and appendicular bones.
  24. Write an essay on effects of exercise.
  25. Write an essay on Space physiology.
- (2×15=30)

