

(2)

Group - B

Answer any **four** questions. 5×4=20

9. Describe with suitable diagram the ultra structure of plasma membrane mentioning special reference to fluid mosaic model. 1+4
10. State the histological structure and functions of skin. 3+2
11. Describe the ventricular events of cardiac cycle.
12. Write the name of hormones released from posterior pituitary. State the function of any one of posterior pituitary hormone. 2+3
13. Describe the structure of retina with suitable diagram.
14. Describe the modern concept of HCI secretion in stomach.

Group - C

Answer any **one** question. 10×1=10

15. What are the coagulation factors of blood? Discuss the biosynthesis and state the fate of hemoglobin. 3+5+2
 16. What is Wallerian degeneration? Describe the mechanism of impulse transmission through neuromuscular junction. Name the regulatory proteins for skeletal muscle contraction. 2+6+2
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Total Pages : 2

B.Sc./2nd Sem (H)/NUT/24(CBCS)

2024

2nd Semester Examination

NUTRITION (Honours)

Paper : C 4-T

(Human Physiology)

[CBCS]

Full Marks : 40

Time : Two Hours

*The figures in the margin indicate full marks.
Candidates are required to give their answers
in their own words as far as practicable.*

Group - A

Answer any **five** questions. 2×5=10

1. Write any two reasons of erythroblastosis fetalis.
2. Define facilitated transport.
3. Write the functions of smooth endoplasmic reticulum.
4. What is the importance of synovial fluid?
5. Differentiate between upper motor neurons and lower motor neurons.
6. What is menopause?
7. What is the role of sebaceous glands?
8. Define lung compliance.

P.T.O.