

B.Sc. DEGREE EXAMINATION, NOVEMBER 2018
I Year II Semester
Core Major- Paper III
HUMAN PHYSIOLOGY

Time : 3 Hours

Max.marks :75

Section A ($10 \times 2 = 20$) Marks

Answer any **TEN** questions

1. List any two functions of connective tissue
2. Draw a cell and explain its parts.
3. List any two functions of spinal cord
4. Draw the structure of a neuron.
5. Expand ECG and list any two functions of it
6. Define hypertension
7. List any two functions of lungs.
8. Draw and explain the parts of digestive system.
9. Define Micturition.
10. What is pyrexia?
11. List the hormones involved in pregnancy and lactation.
12. Illustrate the structure of pituitary glands.

Section B ($5 \times 5 = 25$) Marks

Answer any **FIVE** questions

13. Describe the classification and functions of tissues
14. Discuss on the reflexes involved in nerve conduction.
15. Enumerate the functions of brain.
16. Explain the gaseous transport in lungs and tissues.
17. Discuss on the digestion and absorption of proteins.
18. Explain the process involved in urine formation.
19. Describe menstrual cycle.

Section C ($3 \times 10 = 30$) Marks

Answer any **THREE** questions

20. Illustrate the structure and parts of the heart. Comment on the conduction of heart beat and cardiac cycle.
21. Explain the structure and functions of nervous tissue, skeletal tissue. Discuss the nerve impulse conduction potential
22. Illustrate the process of digestion, regulation and functions of digestive system. Explain the digestion and absorption of carbohydrates.
23. Explain the structure and functions of adrenal and thyroid gland. Comment on hypo and hyperthyroidism.
24. Explain the process of fertilization and the hormones involved in it.

B.Sc. DEGREE EXAMINATION, NOVEMBER 2018
I Year II Semester
Core Major- Paper III
HUMAN PHYSIOLOGY

Time : 3 Hours

Max.marks :75

Section A ($10 \times 2 = 20$) Marks

Answer any **TEN** questions

1. List any two functions of connective tissue
2. Draw a cell and explain its parts.
3. List any two functions of spinal cord
4. Draw the structure of a neuron.
5. Expand ECG and list any two functions of it
6. Define hypertension
7. List any two functions of lungs.
8. Draw and explain the parts of digestive system.
9. Define Micturition.
10. What is pyrexia?
11. List the hormones involved in pregnancy and lactation.
12. Illustrate the structure of pituitary glands.

Section B ($5 \times 5 = 25$) Marks

Answer any **FIVE** questions

13. Describe the classification and functions of tissues
14. Discuss on the reflexes involved in nerve conduction.
15. Enumerate the functions of brain.
16. Explain the gaseous transport in lungs and tissues.
17. Discuss on the digestion and absorption of proteins.
18. Explain the process involved in urine formation.
19. Describe menstrual cycle.

Section C ($3 \times 10 = 30$) Marks

Answer any **THREE** questions

20. Illustrate the structure and parts of the heart. Comment on the conduction of heart beat and cardiac cycle.
21. Explain the structure and functions of nervous tissue, skeletal tissue. Discuss the nerve impulse conduction potential
22. Illustrate the process of digestion, regulation and functions of digestive system. Explain the digestion and absorption of carbohydrates.
23. Explain the structure and functions of adrenal and thyroid gland. Comment on hypo and hyperthyroidism.
24. Explain the process of fertilization and the hormones involved in it.