

B.Sc. DEGREE EXAMINATION, NOVEMBER 2019
I Year II Semester
Human Physiology

Time : 3 Hours

Max.marks :75

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

Answer any **TEN** questions

1. State the functions of ribosomes.
2. Give the features of adipose tissue.
3. What are auditory ossicles?
4. Define stroke.
5. Mention any 4 blood clotting factors.
6. What are the functions of trachea?
7. How does saliva aid in digestion?
8. Outline the physical changes that take place during puberty in females.
9. Describe the function of calcitonin.
10. Define Tidal volume.
11. Give the composition of blood.
12. What does Rh factor mean in blood grouping?

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

Answer any **FIVE** questions

13. Write short notes on skeletal muscle tissue.
14. Describe the physiology of vision.
15. Discuss the functions of lymphocytes.
16. Explain the mechanism of respiration.
17. Outline the functions of insulin.
18. Enumerate the factors affecting blood pressure.
19. What are the functions of cerebrum?

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

Answer any **THREE** questions

20. Classify connective tissue and explain their functions.
21. Explain the physiology of muscle contraction.
22. What are the events that happen in a cardiac cycle?
23. Give an account of the process of protein digestion and absorption.
24. Write about the mechanism of urine formation.

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