

**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. Classify tissues.
2. Mention the recent concepts of a cell.
3. Write a note on ANS.
4. Describe the structure of a neuron.
5. Define immunity and its types.
6. How will you interpret ECG?
7. List the organs of respiration.
8. Write any 2 functions of liver.
9. What are the signs and symptoms of pregnancy?
10. Give the functions of thyroid gland.
11. Define blood pressure.
12. Write a note on reflexes.

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

Answer any **FIVE** questions

13. Enumerate the structure and functions of any 2 tissues.
14. Give an account on the physiology of muscle contraction.
15. Give an account on the composition of blood.
16. Enumerate the functions of pancreas.
17. Explain the mechanism of respiration.
18. Elaborate on menstrual cycle.
19. Write a note on acid - base balance.

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

Answer any **THREE** questions

20. Draw and explain the structure and functions of a cell.
21. Illustrate and explain the physiology of vision.
22. Give an account on cardiac cycle in detail.
23. Explain the digestion and absorption of carbohydrates, proteins and fats.
24. a) Draw the structure of kidney.  
b) Give an account on the formation of urine in detail.

**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. Classify tissues.
2. Mention the recent concepts of a cell.
3. Write a note on ANS.
4. Describe the structure of a neuron.
5. Define immunity and its types.
6. How will you interpret ECG?
7. List the organs of respiration.
8. Write any 2 functions of liver.
9. What are the signs and symptoms of pregnancy?
10. Give the functions of thyroid gland.
11. Define blood pressure.
12. Write a note on reflexes.

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

Answer any **FIVE** questions

13. Enumerate the structure and functions of any 2 tissues.
14. Give an account on the physiology of muscle contraction.
15. Give an account on the composition of blood.
16. Enumerate the functions of pancreas.
17. Explain the mechanism of respiration.
18. Elaborate on menstrual cycle.
19. Write a note on acid - base balance.

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

Answer any **THREE** questions

20. Draw and explain the structure and functions of a cell.
21. Illustrate and explain the physiology of vision.
22. Give an account on cardiac cycle in detail.
23. Explain the digestion and absorption of carbohydrates, proteins and fats.
24. a) Draw the structure of kidney.  
b) Give an account on the formation of urine in detail.