

B.Sc DEGREE EXAMINATION, APRIL 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. Muscle tissue.
2. Zygote.
3. Neurones.
4. Rods and cones.
5. List the factors affecting blood pressure.
6. Write a note on applications of ECG.
7. Inspiration and expiration.
8. Deglutition.
9. Nephron.
10. Adrenaline.
11. List the functions of skin.
12. Hemorrhage.

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

Answer any **FIVE** questions

13. Differentiate benign and malignant cells.
14. Draw the structure of brain and label its parts.
15. Give a brief note on body's defence mechanism.
16. Outline the gaseous exchange in lungs.
17. Briefly explain hypo and hyperthyroidism.
18. Explain the mechanism of hearing.
19. Write a short note on dehydration.

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

Answer any **THREE** questions

20. Classify tissues and explain.
21. Differentiate sympathetic and parasympathetic nervous system.
22. Explain cardiac cycle with a neat diagram.
23. Give a detailed note on digestion of carbohydrates, protein and fats.
24. Explain the menstrual cycle in detail and role of hormones.

B.Sc DEGREE EXAMINATION, APRIL 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. Muscle tissue.
2. Zygote.
3. Neurones.
4. Rods and cones.
5. List the factors affecting blood pressure.
6. Write a note on applications of ECG.
7. Inspiration and expiration.
8. Deglutition.
9. Nephron.
10. Adrenaline.
11. List the functions of skin.
12. Hemorrhage.

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

Answer any **FIVE** questions

13. Differentiate benign and malignant cells.
14. Draw the structure of brain and label its parts.
15. Give a brief note on body's defence mechanism.
16. Outline the gaseous exchange in lungs.
17. Briefly explain hypo and hyperthyroidism.
18. Explain the mechanism of hearing.
19. Write a short note on dehydration.

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

Answer any **THREE** questions

20. Classify tissues and explain.
21. Differentiate sympathetic and parasympathetic nervous system.
22. Explain cardiac cycle with a neat diagram.
23. Give a detailed note on digestion of carbohydrates, protein and fats.
24. Explain the menstrual cycle in detail and role of hormones.