

TB213540V

Reg. No :

Name :

B. Sc. DEGREE (C.B.C.S) EXAMINATION, NOVEMBER 2022
(2021 Admissions Regular, 2020 Admissions Supplementary/Improvement, 2019 & 2018 Admissions Supplementary)
SEMESTER III - COMPLEMENTARY COURSE 2 (ZOOLOGY)
(For Botany & Home Science)
ZY3C01B18 - PHYSIOLOGY AND IMMUNOLOGY

Time : 3 Hours

Maximum Marks : 60

Part A

I. Answer any Ten questions. Each question carries 1 mark

(10x1=10)

1. Define anticoagulants.
2. Name two agranular WBC cells in humans.
3. Write the normal systolic and diastolic pressure in humans.
4. Define Uretelics. Give examples
5. Describe kidney stones.
6. Explain Glomerulus.
7. Define synapse.
8. Define simple Goitre.
9. Distinguish between Epitope and Paratope.
10. Define Hypersensitivity.
11. Define Primary lymphoid organs.
12. Explain Rheumatoid arthritis.

Part B

II. Answer any Six questions. Each question carries 5 marks

(6x5=30)

13. Write an account on various vitamins.
14. Explain Protein Energy Malnutrition.
15. With the help of appropriate diagram explain the transport of carbon dioxide.
16. Explain hormonal regulation of renal function.
17. Write note on rigor mortis.
18. Explain Dialysis and its procedure.
19. Explain the physiological role of thyroid gland hormones.
20. Explain WIDAL and VDRL test.
21. Explain the role of T cells in immunity.

Part C

III. Answer any Two questions. Each question carries 10 marks

(2x10=20)

22. Explain the mechanism of Oxygen and Carbon dioxide transport in blood.
23. Describe the mechanism of Urine formation.
24. Write an essay on any five major endocrine glands and their secretions in man.
25. Describe types of antigen antibody reactions. Explain any two clinical applications.