

TB222730W

Reg. No :

Name :

B. Sc. DEGREE (C.B.C.S.) EXAMINATION, MARCH 2023
(2022 Admission Regular, 2021 Admission Supplementary / Improvement 2020 Admission Supplementary)
SEMESTER II - COMPLEMENTARY COURSE 2 (NUTRITION AND DIETETICS)
ND2C04B20 - HUMAN ANATOMY AND PHYSIOLOGY II

Time : 3 Hours

Maximum Marks : 80

Part A

I. Answer any Ten questions. Each question carries 2 marks

(10x2=20)

1. Discuss the functions of cardiovascular system.
2. Differentiate between RBC and WBC.
3. Write a note on blood coagulation.
4. Express the rate of lymph flow in our body.
5. Interpret the factors affecting lymph flow.
6. Classify lymphoid tissues.
7. Write a note on immune system.
8. Write a note on plasma B-cells.
9. Enumerate the functions of cell-mediated immunity.
10. Enumerate on the role of alveoli.
11. Define respiration.
12. Define pleura.

Part B

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

(6x5=30)

13. Discuss on leukocytes.
14. Discuss the formation of prothrombin activator.
15. List the functions of lymph.
16. Write on causes of intracellular oedema.
17. Explain the different ways by which antigens are disposed by antibodies.
18. Write a note on active acquired immunity.
19. Discuss the different types of cytokines.
20. Detail on the mechanism of respiration.
21. Write on the mechanical methods of artificial ventilation.

Part C

III. Answer any Two questions. Each question carries 15 marks

(2x15=30)

22. Explain the stages of blood coagulation.
23. Discuss different aspects related to tissue fluids
24. Discuss on humoral immunity.
25. Differentiate between lung volume and lung capacities.