

UNDERGRADUATE END SEMESTER EXAMINATION - OCTOBER 2024**SEMESTER 5 : ZOOLOGY (OPEN COURSE)****COURSE : 19U50CZOO1 : HUMAN GENETICS, NUTRITION, COMMUNITY HEALTH AND
SANITATION***(For Regular 2022 Admission and Supplementary 2021/2020/2019 Admissions)*

Time : Three Hours

Max. Marks: 75

PART A**Answer All (1 mark each)**

1. Remember the natural carriers of the bird flu virus.
2. Give the total number of chromosomes in Down syndrome.
3. Define Epistaxis.
4. Compare Trickling Filters and Oxidation pond.
5. Explain obesity.
6. What is Lymphatic system?
7. Which bacterium causes Botulism?
8. What does mean by outbreak?
9. Name the blood cells.
10. A person with blood group A negative can receive which blood types?

(1 x 10 = 10)**PART B****Answer any 8 (2 marks each)**

11. Comment on psychoneuroimmunology?
12. Comment about lifestyle diseases?
13. Discuss on the terms asymptomatic and presymptomatic spread in Covid - 19.
14. Differentiate Latent and Active TB.
15. Explain the designated use of classification of surface water.
16. List out the preventive measures for lifestyle diseases.
17. Name the antigen and antibody present in person with blood group AB.
18. Define autosomes and allosomes.
19. Write an essay on different dimensions of health.
20. Comment on endometriosis.

(2 x 8 = 16)**PART C****Answer any 5 (5 marks each)**

21. Write an account of dangers of alcoholic and drug abuse, its medico-legal implications.
22. Illustrate with diagram the structure of chromosomes.
23. What is SARS Cov.2? Add notes on the modes of transmission of corona virus.
24. Explain hypokinetic disease with an example
25. Give an account of Foodborne diseases
26. Give an account on vitamins.
27. List out the benefits of blood donation. Comment on blood transfusion.

(5 x 5 = 25)

PART D

Answer any 2 (12 marks each)

28. Do you consider AIDS as a lifestyle disease, Why?. Discuss on the pathological and clinical aspects of AIDS
29. Explain ABO and Rh blood group system. Add a note on blood transfusion.
30. What are cardiovascular diseases? Discuss on the types of CVDs in detail
31. Explain the concept of food and Nutrition. Which are different food stuff, their sources and importance?

(12 x 2 = 24)