

B. A./B.Sc./B.COM. DEGREE END SEMESTER EXAMINATION - OCTOBER 2019**SEMESTER –5: ZOOLOGY (OPEN COURSE)****COURSE: 15U50CZOO1: HUMAN GENETICS, NUTRITION, COMMUNITY HEALTHY AND SANITATION***(Common for Regular 2017 admission & Improvement 2016/Supplementary 2016/2015 admission)*

Time: Three Hours

Max. Marks: 75

PART A*Answer **all** questions. Each question carries **1** mark*

1. Name the causative agent of elephantiasis.
2. What is a genotype?
3. What is BMI?
4. Which are water soluble vitamins?
5. What is a carcinogen?
6. Give the expansion of HIV
7. Name any two lifestyle diseases.
8. What is haemophilia?
9. Name any two chromosomal anomalies.
10. Deficiency of which vitamin causes rickets? (1 x 10 = 10)

PART B*Answer **any eight** questions. Each question carries **2** marks*

11. Comment on Ultrasound Scanning.
12. What is Klinefelter Syndrome?
13. What is Tuberculosis?
14. What are the First Aid measures for fractures?
15. Explain Sex linked inheritance.
16. Which are the common species of earthworms used in vermicomposting?
17. Explain the mode of transmission of Typhoid.
18. Explain Standard Plate Count method.
19. What is a balanced diet?
20. What are the major sources of Vitamin C? (2 x 8 = 16)

PART C*Answer **any five** questions. Each question carries **5** marks*

21. What are the causes of Female infertility?
22. Write a note on Rh blood grouping system.
23. Write a short note on various chromosomal anomalies seen in humans.
24. How physical exercises affect our Circulatory System?

25. Explain various methods of Bacteriological analysis of water.
26. What is DNA fingerprinting?
27. What are the ill effects of alcohol abuse in human body? (5 x 5 = 25)

PART D

*Answer **any two** questions. Each question carries **12** marks*

28. Comment on the different stages in a Sewage treatment plant.
29. Write an essay on the major food borne diseases that affect humans.
30. Write an essay on Lifestyle diseases.
31. Comment on the various factors that affect health. (12 x 2 = 24)
