

B.A./B.Sc./B.COM DEGREE END SEMESTER EXAMINATION - OCTOBER/NOVEMBER 2018
SEMESTER –5: ZOOLOGY (OPEN COURSE)

COURSE: 15U50CZOO1: HUMAN GENETICS, NUTRITION, COMMUNITY HEALTH AND SANITATION

(Common for Regular 2016 admission & Supplementary 2015 admission)

Time: Three Hours

Max. Marks: 75

PART A

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

1. Name the causative agent of malaria.
2. What is a phenotype?
3. What is a carcinogen?
4. Give the expansion of AIDS
5. Name any two diseases transmitted through vectors.
6. What is BMR?
7. Which are fat soluble vitamins?
8. Name any two sex linked inheritance disorders.
9. Deficiency of which vitamin causes night blindness?
10. What is sickle cell anaemia?

(1 x 10 = 10)

PART B

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

11. Explain Standard Plate Count Method.
12. Comment on Amniocentesis.
13. What is Turner Syndrome?
14. Explain Sex linked inheritance.
15. What is SARS?
16. Give the classification of burns based on tissue damage.
17. What is a balanced diet?
18. Explain Haemophilia.
19. Differentiate between benign tumors and malignant tumors.
20. Which are the major Nutrients or Nutritional factors?

(2 x 8 = 16)

PART C

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

21. Explain various methods of Bacteriological analysis of water.
22. What are the causes of Male infertility?
23. Write a note on ABO blood grouping system.
24. Comment on various prenatal diagnostic techniques.

25. What is Human Genome Project?
26. What are the ill effects of alcohol abuse in human body?
27. Differentiate between the various types of physical exercises. (5 x 5 = 25)

PART D

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

28. Write a note on various water purification methods.
29. What is vermicomposting? Explain various stages of preparing a vermicomposting unit.
30. Write an essay on various vector borne diseases.
31. Write an essay on different dimensions of health according to WHO. (12 x 2 = 24)
