

B. SC. DEGREE (C.B.C.S.S) EXAMINATION, OCTOBER 2018**(2016 Admission Regular & 2015 Admission Supplementary)****SEMESTER V - OPEN COURSE (ZOOLOGY)****ZY5D01BTB - HUMAN GENETICS, NUTRITION, COMMUNITY HEALTH AND****Time : 3 Hours****SANITATION****Maximum Marks : 80****Part A****I. Answer all questions. Each question carries 1 marks****(6x1=6)**

1. What is sickle cell anemia?
2. Define Euthenics.
3. What is Cardiac output?
4. Name the disease caused by deficiency of Vitamin D.
5. What are oxidation ponds?
6. What are vector borne diseases?

Part B**II. Answer any Seven questions. Each question carries 2 marks****(7x2=14)**

7. Write short notes on Blood Donation.
8. Briefly explain about amniocentesis.
9. What is psychoneuroimmunology and its effects on health?
10. Write notes on the types of Diabetes.
11. Comment briefly on obesity and diet.
12. What are the different levels of Physical activity based on its intensity?
13. Write down the Symptoms of Chikungunya.
14. Describe the scientific parameters used to determine water quality?
15. Name the causative organism of A) Botulism B) Hepatitis A
16. Give the common name of A) Avian Influenza H5N1 B) Influenza A H1N1

Part C**III. Answer any Five questions. Each question carries 6 marks****(5x6=30)**

17. Comment on human infertility and causes of female infertility.
18. Comment on inheritance pattern in haemophilia.
19. Write a note on Balanced diet, Malnutrition and deficiency disorders.
20. Explain the role of yoga and meditation in the well being of human beings.
21. Comment on Diabetes mellitus
22. What are the structural and biochemical changes observed in the cancer cells.
23. Explain major water borne diseases.
24. Comment on water purification methods.

Part D**IV. Answer any Two questions. Each question carries 15 marks****(2x15=30)**

25. Explain in detail any six genetic disorders in man.
26. Explain the effect of exercise on any 4 body systems.
27. Give an account of the major food borne diseases.
28. Write a detailed account on the vector borne diseases caused by Mosquito and its preventive measures