B.SC. DEGREE END SEMESTER EXAMINATION OCTOBER 2016
SEMESTER – 5: ZOOLOGY (OPEN COURSE)
COURSE: **U5OCZOO1–: HUMAN GENETICS, NUTRITION, COMMUNITY HEALTH AND SANITATION**

Time: Three Hours   Max. Marks: 75

PART A

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

1. Define malnutrition
2. What is metastasis?
3. Name two faecal bacteria
4. What do you mean by Botulism?
5. What is ORS solution?
6. What do you mean by human genetics?
7. What is obesity?
8. What is haemophilia?
9. Name any two polygenic disorder
10. What do you mean by psychoneuroimmunology?   (1 x 10 = 10)

PART B

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

11. Explain ABO blood group system.
12. Add note on cardiovascular diseases, their causes and prevention.
13. Describe mosquito control measures.
14. Comment on any two food borne diseases.
15. What is vermicompost? Name two species of earthworms used for vermicomposting.
16. Define BMI.
17. Give an account on physical activity and health benefits.
18. Explain amniocentesis.
19. What is Eugenics?
20. Write applications of DNA fingerprinting.   (2 x 8 = 16)

PART C

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

21. Write note on the symptoms, effects and treatment of alcohol abuse.
22. Give an account on vitamins.
23. Explain water purification methods.

24. Describe branches of yoga and their significance.

25. Write an account on water borne diseases and their control measures.

26. Write note on any three lifestyle and hypokinetic diseases.

27. Describe sex chromosomal anomalies with two examples. (5 x 5 = 25)

PART D

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

28. Write an essay on vector borne diseases and their control measures.

29. Give an account on the emerging pathogens and the diseases caused.

30. Give an account on first aid and emergency care.

31. Describe the effect of exercise on bodily systems. (12 x 2 =24)

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