



K23U 1150

Reg. No. : .....

Name : .....

IV Semester B.Sc. Degree (CBCSS – OBE-Regular/Supplementary/  
Improvement) Examination, April 2023  
(2019 Admission Onwards)  
COMPLEMENTARY ELECTIVE COURSE IN ZOOLOGY  
4C04 ZLG : Medical Zoology

Time : 3 Hours

Max. Marks : 32

**Instruction :** Give illustrations and figures wherever necessary.

- I. Essay questions. Answer **any two**. (2×6=12)
- 1) Write an essay on the life cycle and pathogenicity of *Entamoeba histolytica*.
  - 2) Give an account on the life cycle and pathogenicity of *Ancylostoma duodenale*.
  - 3) Describe the structural and numerical aberrations of chromosomes.
  - 4) Explain autosomal recessive disorders.
- II. Short essay questions. Answer **any two**. (2×3=6)  
Write short notes on :
- 5) Write the name of the causative agent, symptoms, diagnosis and prophylaxis of AIDS.
  - 6) Explain Alzheimer's disease as a multifactorial trait.
  - 7) Differentiate between humoral and cell mediated immune response.
- III. Short answer questions. Answer **any six**. (6×2=12)
- 8) Zoonotic disease. Example.
  - 9) Contact inhibition.
  - 10) Amniocentesis.

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- 11) Laboratory diagnosis of typhoid.
- 12) Define BMI. How can BMI be calculated ?
- 13) Rejection of graft.
- 14) Carcinogen. Examples.
- 15) EEG.

IV. Multiple choice questions. Answer **all**. (4×0.5=2)

- 16) \_\_\_\_\_ is a fungal disease.  
(Chickenpox, Mycosis, Rabies, Typhoid)
- 17) Normal blood pressure of man is \_\_\_\_\_  
(80/60, 120/80, 140/90, 80/120)
- 18) Study of cancer is called \_\_\_\_\_  
(Conchology, Oncology, Chronology, Caricology)
- 19) Which of the following is not a characteristic of cancer cells ?  
(Anchorage dependence, Metastasis, Invasiveness, Loss of contact inhibition)