



K24U 0754

Reg. No. :

Name :

IV Semester B.Sc. Degree (C.B.C.S.S. – O.B.E. – Regular/Supplementary/
Improvement) Examination, April 2024
(2019 to 2022 Admissions)
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) Describe the life history and pathogenicity of *Ancylostoma duodenale*. Add a note on prophylaxis of the disease.
 - 2) Give an account of the causative organism, symptoms, diagnosis and prophylaxis of any three viral diseases.
 - 3) Describe how lifestyle affects our health, citing examples.
 - 4) Describe karyotype and clinical symptoms of any four syndromes.
- II. Short essay questions. Answer **any two**. (2×3=6)
- 5) Briefly describe autoimmune disorders.
 - 6) Briefly describe the symptoms and prophylaxis of amoebiasis.
 - 7) What are the characteristics of cancer cells ?
- III. Short answer questions. Answer **any six**. (6×2=12)
- 8) Enlist the causative factors for neurofibromatosis.
 - 9) Differentiate cell mediated and humoral immune response.
 - 10) What is criss cross inheritance ? Cite an example.
 - 11) What are the applications of EEG ?
 - 12) Differentiate nutritional disorders and metabolic disorders.
 - 13) What is the causative factor of mycosis ?
 - 14) Identify the factors leading to Alzheimer's disease and mention any two symptoms.
 - 15) What are the environmental factors triggering hypertension ?

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IV. Multiple choice questions. Answer **all**.

(4×0.5=2)

- 16) Atherosclerosis is
 - a) Lifestyle disease
 - b) Allergic disease
 - c) Communicable disease
 - d) STD
- 17) Trophozoite is a stage in the life cycle of
 - a) *Ascaris lumbricoides*
 - b) *Plasmodium vivax*
 - c) *Entamoeba histolytica*
 - d) *Wucheraria bancrofti*
- 18) Which of the following diseases is transmitted through blood transfusion?
 - a) Malaria
 - b) Chicken pox
 - c) Measles
 - d) Hepatitis B
- 19) An example for skin parasite is
 - a) *Ascaris lumbricoides*
 - b) *Sarcoptes scabi*
 - c) *Plasmodium vivax*
 - d) *Vibrio cholerae*

