



M 8587

Reg. No. : .....

Name : .....

IV Semester B.Sc. Degree (CCSS-Reg./Supple./Imp.) Examination, May 2015  
COMPLEMENTARY COURSE IN ZOOLOGY  
4C 04 ZLG : Medical Zoology

Time : 3 Hours

Max. Weightage : 25

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

I. Answer **any two** : (Wt. 4 each)

- 1) Give an account on life style related diseases and their causative factors.
- 2) Describe the life cycle, pathogenicity and prophylaxis of *Plasmodium vivax*.
- 3) Illustrate different types of immune responses in human body.
- 4) Explain different types of cancer. Add a note on characteristics of cancer cells. (2×4=8)

II. Answer **any four** : (Wt. 2 each)

- 5) Define carcinogen. Add a note on various carcinogens.
- 6) Give a brief account of EEG.
- 7) Explain chromosomal deletions.
- 8) Comment on Turner's syndrome.
- 9) What are the clinical manifestations of *Wuchereria bancrofti*?
- 10) Describe the symptoms and prophylaxis of AIDS.
- 11) Give an account of normal human karyotype. (4×2=8)

III. Answer **any seven** : (Weight : 1 each)

- 12) Define chromosomal inversion.
- 13) What are X-linked diseases ?
- 14) Comment on Cri du chat syndrome.
- 15) What is meant by multifactorial trait ?
- 16) Give two examples for sexually transmitted diseases.

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- 17) What is Diabetes Mellitus ?
- 18) What are oncogenes ?
- 19) Comment on Chorionic Villus Biopsy.
- 20) What is meant by cell mediated immune response ?
- 21) What is Sickle cell anaemia ?

(7×1=7)

IV. Answer the following :

(Weight : 1 each)

- 22) a) \_\_\_\_\_ is a life style disease.
- b) \_\_\_\_\_ causes malaria.
- c) An example for autoimmune disease is \_\_\_\_\_
- d) Elephantiasis is caused by \_\_\_\_\_

V. Match the following :

- 23) a) Scabis : STD
- b) Alkaptonuria : Sarcoptes
- c) Gonorrhoea : Life style disease
- d) Hypertension : Autosomal recessive
- \_\_\_\_\_ : Virus

(2×1=2)