



K17U 0654

Reg. No. : .....

Name : .....

**IV Semester B.Sc. Degree (CBCSS – Reg./Supple./Imp.)**

**Examination, May 2017**

**(2014 Admn. Onwards)**

**COMPLEMENTARY COURSE IN ZOOLOGY**

**4C04 ZLG : Medical Zoology**

Time : 3 Hours

Max. Marks : 32

**I. Answer any one :**

**(1×6=6)**

- 1) Give an account on the structural and numerical aberrations in chromosomes.
- 2) Describe the life history of *Plasmodium vivax*. Also comment on its pathogenecity and prophylaxis.

**II. Answer any one :**

**(1×6=6)**

- 3) Give an account on life style related diseases.
- 4) What is cancer ? Describe the characteristic features of cancer cells.

**III. Answer any four :**

**(4×3=12)**

- 5) Describe the clinical symptoms of Cri du chat syndrome.
- 6) Write notes on autoimmunal diseases.
- 7) Describe sex-linked inheritance.
- 8) Distinguish between humoral immunity and cell-mediated immunity.
- 9) Mention the applications of chorionic villus sampling.
- 10) Give an account on disease caused by *Wuchereria*.

**IV. Answer any six :**

**(6×1=6)**

- 11) Mention the mode of infection of *Ancylostoma duodenale*.
- 12) Define allergy. Give one example.
- 13) What is graft rejection ?

P.T.O.

