OCEN WILLIERARY

K17U 0654

Reg. No. :

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:

vidgostavo saluaauM (1×6=6)

- Give an account on the structural and numerical aberrations in chromosomes.
- Describe the life history of Plasmodium vivax. Also comment on its pathogenecity and prophyllaxis.

II. Answer any one:

(1x6=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 :

 $(4 \times 3 = 12)$

- 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?

K17U 0654

- 14) What is Trisomy 21?
- 15) Differentiate between EEG and ECG.
- 16) What are plasma cells?
- 17) Mention any two occupational diseases.
- 18) What is Rabies?
- Comment on albinism.

V. Answer the following:

 $(2 \times 1 = 2)$

- 20) a) Athlete's foot
 - b) Plasma cells
- c) Muscular dystrophy
 - d) Goitre

Nutritional

Genetic

Fungus

Antibodies

Bacteria

- 21) a) An example for non-communicable disease
 - i) Cholera
- ii) Atherosclerosis iii) Hepatitis
- b) Neoplasm is associated with
 - i) Tumour
- ii) Cough
- iii) Klienfelter's
- c) An example for multifactorial trait
 - i) Common cold
- ii) Influenza
- iii) Alzheimer's

- d) AIDS is caused by
 - i) RNA virus
- ii) DNA virus
- iii) Phages