



K16U 0688

Reg. No. : .....

Name : .....

**IV Semester B.Sc. Degree (CBCSS-2014 Admn. – Regular)**  
**Examination, May 2016**  
**COMPLEMENTARY COURSE IN ZOOLOGY**  
**4C04ZLG : Medical Zoology**

Time : 3 Hours

Max. Marks : 32

I. Answer **any one**.

(1×6=6)

- 1) Describe the life history of *Plasmodium vivax*. Also comment on its pathogenicity and prophylaxis.
- 2) Give an account on life style related diseases.

II. Answer **any one**.

(1×6=6)

- 3) What is Cancer ? Give an account of characteristics of cancer cells.
- 4) Define sex-linked inheritance. Describe the major sex-linked traits found in man.

III. Answer **any four**.

(4×3=12)

- 5) What are zoonotic diseases ? Write two examples.
- 6) What is filariasis ?
- 7) Mention the characteristic features of Klinefelter's syndrome.
- 8) What are autoimmune diseases ?
- 9) Explain amniocentesis.
- 10) Distinguish between humoral immunity and cell-mediated immunity.

IV. Answer **any six**.

(6×1=6)

- 11) Define allergy. Give one example.
- 12) Mention the difference between communicable and non-communicable diseases.

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- 13) What are plasma cells ?
- 14) Explain structural aberrations in chromosomes.
- 15) Enumerate the symptoms of rabies.
- 16) What is myotonic muscular dystrophy ?
- 17) Mention some disease causing arthropods.
- 18) What is EEG ?
- 19) What is graft rejection ?

V. Answer the following :

(2×1=2)

20) Match the following :

- |                     |                     |
|---------------------|---------------------|
| a) Goitre           | Multifactorial      |
| b) Tetanus          | X-linked            |
| c) Alzheimer's      | Bacteria            |
| d) Colour blindness | Nutritional disease |
|                     | Occupational        |

21) Answer the following :

- a) \_\_\_\_\_ is an example for communicable disease.  
(Cholera, Atherosclerosis, Heart attack)
- b) Normal blood pressure is \_\_\_\_\_  
(60/140, 120/80, 130/90)
- c) Chickenpox is caused by \_\_\_\_\_  
(Virus, bacteria, fungi)
- d) \_\_\_\_\_ is an example for sexually transmitted disease.  
(AIDS, Typhoid, Diphtheria)