



M 6347

Reg. No.:

Name:

**IV Semester B.Sc. Degree (CCSS – Regular/Supple./Impr.)
Examination, May 2014
Complementary Course in ZOOLOGY
4C04 ZLG : MEDICAL ZOOLOGY**

Time : 3 Hours

Max. Weightage : 25

Instruction : Give illustrations *wherever* necessary.

I. Answer **any two** :

(Wt: 4 each)

- 1) Describe the life cycle, pathogenicity and prophylaxis of *Entamoeba histolytica*.
- 2) Illustrate the structural aberrations in human chromosomes.
- 3) Give an account of autoimmune diseases and their reasons.
- 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) Comment on Klinefelter's Syndrome.
- 6) Briefly explain symptoms, causative organism and prophylaxis of Chicken Pox.
- 7) Account on gerontological diseases.
- 8) What are the clinical symptoms of *Demodex folliculorum* ?
- 9) Give a brief account of sexually transmitted diseases.
- 10) Mention the causative environmental factors in obesity and hypertension.
- 11) Briefly explain albinism. (4×2=8)

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III. Answer any seven :

(Weight: 1 each)

- 12) What are zoonotic diseases ?
- 13) Mention the causative organism of Malaria.
- 14) What is aneuploidy ?
- 15) Define Obesity.
- 16) Name any two types of cancer.
- 17) Comment on Ultrasonography.
- 18) What is amniocentesis ?
- 19) Give the symptoms of Tetanus.
- 20) What is Turner's Syndrome ?
- 21) Comment on mycosis.

(7×1=7)

IV. Answer the following :

(Weight : 1 each)

- 22) a) Causative organism for Typhoid is _____
- b) _____ is an X – linked disease.
- c) Alzheimer's disease is a _____ trait.
- d) An example for inherited disease is _____

V. Match the following :

- | | | |
|--------------------|---|---------------------|
| 23) a) Benzopyrene | : | Protista |
| b) AIDS | : | Carcinogen |
| c) Phenylketonuria | : | Virus |
| d) Plasmodium | : | Autosomal recessive |
| | : | Fungus |

(2×1=2)
