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FIRST YEAR (F.Y.B.Sc.)
24ZOO11101: MEDICAL ZOOLOGY
(Semester I)

Program: B.Sc. (Gen03)
Program Specific: Zoology
Course Type: Major
Paper: I

Credits: 2
Time: 2 Hours
Max. Marks: 30
SET: A

Instructions to the candidate:

- 1) All questions are compulsory.
- 2) Figures to the right indicate full marks.
- 3) Draw a well labelled diagram wherever necessary.

Q1) Attempt ANY FIVE of the following:

[5 X 2 = 10]

- a) Define Medical Zoology and give its importance.
- b) Enlist two organ systems and its disorder.
- c) What is erythrocyte? Give its function.
- d) Write a note on RTPCR.
- e) What is a blood bank?
- f) Write a note on blood platelets.
- g) What is Diabetes?

Q2) Attempt ANY THREE of the following:

[3X4 = 12]

- a) What is AIDS? Explain its causative agent and mode of transmission.
- b) Write a note on Chicken pox.
- c) What is ECG? Give its uses.
- d) Write a note on Biopsy.
- e) Draw the Chart of Rh System.

Q3) Attempt ANY TWO of the following:

[2 X 4 = 08]

- a) Describe in brief the life cycle of *Plasmodium vivax*.
- b) Describe the causative agent and symptoms of Dengue.
- c) Write a note on *Taeniasis*.
- d) Describe significance of Systolic and Diastolic B.P.

MCAS