

Mid-West University
Examinations Management Office
Final Examinations -2081

Level: Bachelor /B.Sc./ Semester: IV

F. M: 60

Time: 3hrs.

P. M: 30

Subject: Chordata (ZOO343/443)

Candidates are required to give their answers in their own words as far as practicable. The figure in the margin indicates full marks.

Group A

Long questions. (Attempt ANY FOUR)

[4x8=32]

1. Define Pheasants. Explain the aerial or flight adaptation of birds.
2. Which part is responsible for digestion in Bird? Explain the digestive organs of Columba livia with necessary diagrams.
3. Describe the characteristics features and affinities of prototheria and eutheria.
4. Explain the female reproductive system of Oryctolagus cuniculus with suitable diagram.
5. Describe the origin and ancestry of mammals.

Group B

Short questions. (Attempt ANY SEVEN)

[7x3=21]

1. Mammals are useful and harmful to human, justify with your view.
2. Write short notes on pheasants in Nepal.

2. Give an account on marsupials' animal.
3. Describe the important features and characteristics of order Galliformes.
4. Describe the important features and characteristics of order Rodentia.
5. Describe the Monophyletic origin of Bird.
6. Give the geographical distribution and economic importance of Penguin.
7. Give the geographical distribution and economic importance of Panthera tigris.

Group C

Very short questions (Attempt ANY SEVEN)

[7x1 =7]

1. Define digit grade.
2. Why birds are called 'glorified reptiles'?
3. What do you mean by uricotelic excretion?
4. Enlist the protected mammals of Nepal.
5. Enlist any two pheasants of Karnali province.
6. Mention any two characteristics of game birds.
7. Why pneumatic bones are useful in birds? Describe.
8. Define Coprophagy.
9. Mention the importance of gizzard in seed eating birds.

THE END