

BSC2ZooC201x
B.Sc. Semester - 2 (CBCS) Examination
March/April – 2025 (New Course)
ZOOLOGY (CORE)

Seat No : _____

Time: 2.30 Hours**Marks: 70****Instructions:**

1. All questions are compulsory.
2. Figures to the right indicate marks.

- Que.1 (A) Answer the following questions. (04)
- 1) types of scales found in Chondrichthyes.
 - 2) Give any two characters of class Aves.
 - 3) Amphioxus belongs to class
 - 4) Amphioxus is commonly called as
- Que.1(B) Answer the following questions. (Any one out of two) (03)
- 1) Give the general characters of class Amphibia with suitable example.
 - 2) Describe sperm and ovum of Amphioxus.
- Que.1(C) Answer the following questions. (Any one out of two) (07)
- 1) Give the classification of super class Pisces up to class.
 - 2) Describe T.S. passing through pharynx region of Amphioxus.
- Que.2 (A) Answer the following questions. (04)
- 1) Which type of Antibody found in blood group B?
 - 2) Which blood group is generally called as universal receptor?
 - 3) List out the different coat colour in Rabbit.
 - 4) Which type of antigen found in Blood group 'A'.
- Que.2(B) Answer the following questions. (Any one out of two) (03)
- 1) Write short note on Merrychippus.
 - 2) Describe "AB" and "O" blood group in detail.
- Que.2(C) Answer the following questions. (Any one out of two) (07)
- 1) Describe coat colour in Rabbit.
 - 2) Describe Darwinism.
- Que.3(A) Answer the following questions. (04)
- 1) enzyme is responsible for the digestion of carbohydrate in stomach.
 - 2) is the anti-co-agulant found in blood.
 - 3) is the finger like projection that increase the surface area of the small intestine for absorption.
 - 4) Spermatogenesis occurs in which organ?
- Que.3(B) Answer the following questions. (Any one out of two) (03)
- 1) Write a short note on Oogenesis.
 - 2) Describe digestion of protein in alimentary canal.
- Que.3(C) Answer the following questions. (Any one out of two) (07)
- 1) Describe spermatogenesis.
 - 2) Write a note on different type of W.B.C.s.
- Que.4(A) Answer the following questions. (04)
- 1) causes amoebic dysentery.
 - 2) Sleeping sickness is caused by
 - 3) is the vector of bubonic plague.
 - 4) List out the fishes of fresh water aquarium.

- Que.4(B) Answer the following questions. (Any one out of two) (03)
- 1) Write a note on human louse as harmful parasitic insect.
 - 2) Write a note on waterer and feeder as apparatus used in poultry house.
- Que.4(C) Answer the following questions. (Any one out of two) (07)
- 1) Describe life cycle and pathogenic effects of filarial worm.
 - 2) Give a general account on fresh water aquarium.
- Que.5(A) Answer the following questions. (04)
- 1) What is the average length of the menstrual cycle.
 - 2) Femoral gland found in
 - 3) Primary material found in claws is
 - 4) There are chambers found in heart of mammals.
- Que.5(B) Answer the following questions. (Any one out of two) (03)
- 1) Describe Nails and Claws.
 - 2) Sketch and label the heart of Amphibia.
- Que.5(C) Answer the following questions. (Any one out of two) (07)
- 1) write a note on Menstrual cycle.
 - 2) Give the comparative account on heart of Pisces and Reptiles.
