

# PRABHAT KUMAR COLLEGE, CONTAI

## Question Paper

**B.Sc. Honours Examination 2020**

(Under CBCS Pattern)

Semester-II

**Subject: ZOOLOGY**

Paper : GE-2 (T + P)

Animal Diversity ( Theory + Practical)

Candidates are requested to give their answer in their own word as far as practicable.

Questions are of equal value

### **Part A: Theory**

Answer any one question [within 250 words]

1. Write the general characters of Annelida with examples.
2. Describe the mechanism of osmoregulation in freshwater fishes.
3. Write the salient features of Protochordates.
4. What are the adaptations in birds for flying?
5. Define Polymorphism. Give characteristics the two polymorphic forms in Cnidarians.
6. Describe the life cycle of Plasmodium sp.

### **Part B: Practical**

Answer any one question [within 150 words]

1. Give reasons for identification of the following:
  - a. Sycon sp., b. Metridium sp. and c. Limulus sp.
2. Give reasons for identification of the following-
  - a. *Pristis* sp, b. *Hippocampus* sp., c. *Draco* sp., and d. *Naja* sp.
3. Draw and label the cross section of *Ascaris* sp. (male and female) and illustrate differences between male and female *Ascaris* sp.
4. Draw the digestive and nervous system of *Periplaneta* sp.

E-mail id for submission of answer script: **zoopkceexam2h@gmail.com**