

**PRABHAT KUMAR COLLEGE, CONTAI**

**Question Paper**

**B.Sc. Honours Examination 2020**

(Under CBCS Pattern)

Semester-II

**Subject: ZOOLOGY**

Paper : C3 (T + P)

**Non-Chordates II ( 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. What is metamerism? Write different types of metamerism with examples.
2. a. What is the excretory unit of earthworm? Illustrate it with a picture.  
b. Describe the mechanism of excretion of urea in earthworms.
3. Why the name arthropods given? Write the general characteristics of Arthropods.
4. 'Pila is an amphibian'- Justify the statement.
5. Write important characters of Hemichordates. Why Hemichordates are called half Chordates?
6. Describe how locomotion in asteroids is carried out by the water vascular system.

**Part B: Practical**

Answer any one question [within 150 words]

1. Give reasons for identification of any of the following:  
*a. Unio sp., b. Dentalium sp., c. Bombyx sp. and d. Hirudinaria sp.*
2. Draw and describe the function of all the mouthparts in cockroach.
3. Give reasons for identification of *Bombyx sp.* and Honey bees.
4. Give reasons for identification of *Palaemon sp.* and *Daphnia sp.*

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