

V. P. & R.P.T.P. SCIENCE COLLEGE
III- SEMESTER, INTERNAL EXAM-2018



ZOOLOGY, US03CZOO01 (INVERTEBRATA & VERTEBRATA)

4/10/2018, THURSDAY

TIME: 3pm TO 5pm

MARKS: 50

Q-1. MULTIPLE CHOICE QUESTIONS.

(8)

1. Which cell of the followings, can produced all other types of cells in Sycon?

- (a) Archaeocytes (b) Collencytes (c) Thesocytes (d) Myocytes

2. How many gonads are present in medusa of Obelia ?

- (a) 2 (b) 4 (c) 8 (d) 16

3. Which disease caused by Liver fluke?

- (a) Taeniasis (b) Amoebiasis (c) Filariasis (d) Faciolasis

4. Locomotion in Nereis done by

- (a) Pseudopodia (b) Parapodia (c) Setae (d) All of these

5. Body of Scoliodon covered by..... type of scales.

- (a) Ganoid (b) Cycloid (c) Ctenoid (d) Placoid

6. The heart of Shark is chambered.

- (a) One (b) Two (c) Three (d) Four

7. The teeth of Frog are meant for

- (a) Chewing (b) Cutting (c) Tearing (d) Preventing prey from slipping

8. The third eyelid in frog is called

- (a) Pineal eye (b) Lower eyelid (c) Nictitating membrane (d) None of these

Q-2. ANSWER IN SHORT. (ANY FIVE)

(10)

1. Name the pseudopodia found in Protozoa.
2. Write about habit & habitat of Sycon.
3. Describe the structure of flame cells in Liver fluke.
4. Write about characteristic features of Heteronereis.
5. Write about economic importance of Fishes. (Any four)
6. Enlist the sensory organs of Shark.
7. Explain the locomotion in Frog.
8. Draw a labeled diagram of external morphology of Frog.



Q-3. Describe the asexual reproduction in Protozoa. (8)

OR

Q-3. Write notes on: (a) Nutrition in Sycon (3)

(b) Structure of Hydroid colony in Obelia. (5)

Q-4. Describe the digestive system of Nereis and add a note on its food, feeding & digestion. (8)

OR

Q-4. Describe the reproductive system of Liver Fluke. (8)

Q-5. Explain the structure of gills & physiology of respiration in Scoliodon. (8)

OR

Q-5. Write about excretory & reproductive organs of Female Shark. (8)

Q-6. Explain the physiology of digestion in Frog. (8)

OR

Q-6. Describe the brain of Frog with labeled diagram. (8)