



V.P. & R.P.T.P. SCIENCE COLLEGE  
III -- SEMESTER INTERNAL EXAM  
ZOOLOGY, SUBJECT CODE: US03CZOO01  
(INVERTEBRATA & VERTEBRATA)

DATE: 3/10/16

TIME: 3pm to 4:30pm

MONDAY

TOTAL MARKS : 25

**Q-1. MULTIPLE CHOICE QUESTIONS. (3)**

1. Nutritive zooid of Obelia is known as  
(a) Hydranth (b) Trophozooid (c) Gastrozooid (d) All of these
2. Which stage of Liver fluke infects the intermediate host  
(a) Redia (b) Sporocyst (c) Miracidium (d) Cercaria
3. Swimming movement of Scodiodon are controlled by  
(a) Cerebrum (b) Hind brain (c) Mid brain (d) Hypophysis

**Q-2. ANSWER THE FOLLOWING QUESTIONS IN SHORT (ANY TWO). (4)**

1. Write about types of pseudopodia in protozoa.
2. Name the sense organs present in Nereis.
3. Draw and label the external characters of Scoliodon.

- Q-3. Describe: (a) Mesenchyme of Sycon. (3)  
(b) Nutrition in polyp of obelia (3)

OR

- Q-3. Describe : (a) Histology of medusa in Obelia. (3)  
(b) Fertilization in Sycon . (3)

- Q-4. Write notes on : (a) Digestive system of liver fluke. (3)  
(b) Excretory system of Nereis. (3)

OR

- Q-4. (a) Draw and label the diagram of reproductive system of Liver fluke. (3)  
(b) Describe the characteristic features of Heteronereis. (3)

- Q-5. Describe the alimentary canal of Scoliodon. (6)  
OR

- Q-5. Describe the female urinogenital system of Scoliodon. (6)