



**TAMIL NADU OPEN UNIVERSITY**  
Chennai - 15  
School of Science

**HOME /SPOT ASSIGNMENT**

Programme Code No : 184  
Programme Name : B.Sc., Zoology  
Course Code & Name : ZOO1-1 Invertebrate Zoology  
Batch : AY 2019-20  
No. of Assignment : One Assignment for Each 2 Credits  
Maximum CIA Marks: 25 (Average of Total No. of Assignments)

**ASSIGNMENT – 1**

Max :25 marks

**Answer any one of the question not exceeding 1000 words**

- 1) Describe the echinoderm larvae and their significance
- 2) Explain the structure of canal system
- 3) Write about the polymorphism of coelenterates?

**ASSIGNMENT – 2**

Max :25 marks

**Answer any one of the question not exceeding 1000 words**

- 1) Detail account of the elementary ideas of parasitic adaptations in helminthes
- 2) Explain the major classes of phylum annelid
- 3) Explain the water vascular system of starfish

**ASSIGNMENT – 3**

Max :25 marks

**Answer any one of the question not exceeding 1000 words**

- 1) Explain the life cycle of *Plasmodium vivax*
- 2) Detail account of parasitic protozoans
- 3) Discuss the general characteristics of coral reefs

### ASSIGNMENT – 4

Max :25 marks

**Answer any one of the question not exceeding 1000 words**

- 1) Discuss the classes of phylum protozoa
- 2) Explain the life cycle of *Taenia solium*
- 3) Explain the general characteristic and classification of phylum arthropoda



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### **HOME /SPOT ASSIGNMENT**

Programme Code No :184

Programme Name :B.Sc., Zoology

Course Code & Name : BZOO1-2A; General Botany (Allied)

Batch : AY 2019-20

No. of Assignment : One Assignment for Each 2 Credits

Maximum CIA Marks: 25 (Average of Total No. of Assignments)

### ASSIGNMENT – 1

Max :25 marks

**Answer any one of the question not exceeding 1000 words**

1. Write the family description of *Fabaceae* and *Liliaceae*
2. Explain the role of micro and macro – nutrients in plant physiology
3. Describe water pollution

### ASSIGNMENT – 2

Max :25 marks

**Answer any one of the question not exceeding 1000 words**

1. Outline Bentham and Hooker Classification
2. Give detailed account on Light reaction
3. Write an account on Air pollution

### **ASSIGNMENT – 3**

Max :25 marks

**Answer any one of the question not exceeding 1000 words**

1. Describe the families Annonaceae and Euphorbiaceae
2. Give a detailed account on structure and types of ovule
3. Give an account on Law of segregation and independent assortment with examples