



**THE OPEN UNIVERSITY OF SRI LANKA**  
**B.Sc DEGREE PROGRAMME - LEVEL 3**  
**ACADEMIC YEAR 2008 / 2009**  
**ANIMAL LIFE AND DIVERSITY - ZOU 1262**  
**NO BOOK TEST (NBT)-1**

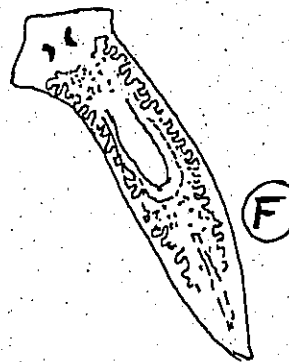
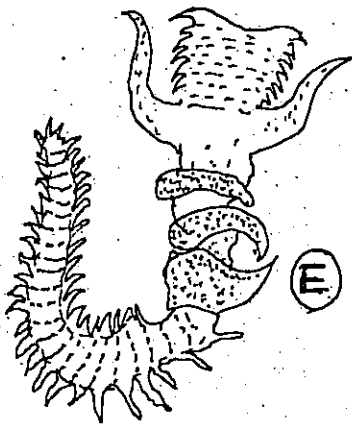
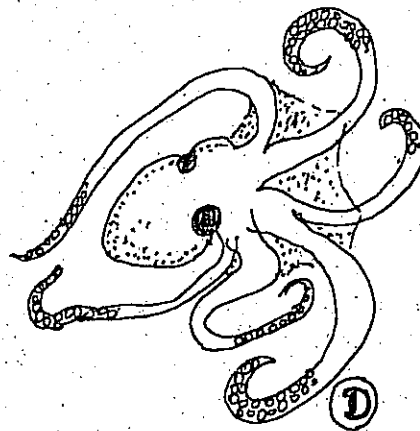
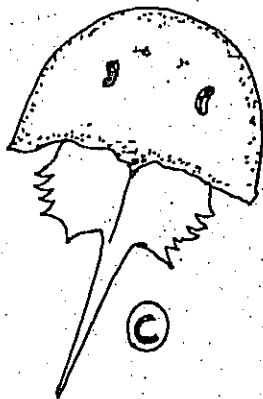
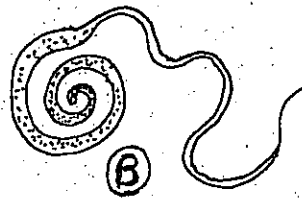
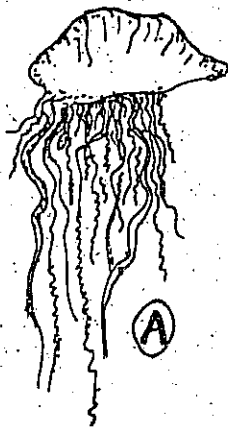
REGISTRATION NUMBUR

**Answer Box**

| Q.Nos | (a) | (b) | (c) | (d) |
|-------|-----|-----|-----|-----|
| 1.1   |     |     |     |     |
| 1.2   |     |     |     |     |
| 1.3   |     |     |     |     |
| 1.4   |     |     |     |     |
| 1.5   |     |     |     |     |
| 1.6   |     |     |     |     |
| 1.7   |     |     |     |     |
| 1.8   |     |     |     |     |
| 1.9   |     |     |     |     |
| 1.10  |     |     |     |     |
| 1.11  |     |     |     |     |
| 1.12  |     |     |     |     |
| 1.13  |     |     |     |     |
| 1.14  |     |     |     |     |
| 1.15  |     |     |     |     |
| 1.16  |     |     |     |     |
| 1.17  |     |     |     |     |
| 1.18  |     |     |     |     |
| 1.19  |     |     |     |     |
| 1.20  |     |     |     |     |

REG. NO.....

Qu.02 (Qu. 02.1 to 2.10 are based on the following figures A--> F)



2.1 Identify the animals A to F.

A..... D.....  
 B..... E.....  
 C..... F.....

2.2 Write the phyla of the animals A → F and give one (01) characteristic feature of each phylum.

| Animal | Phylum | Characteristic feature |
|--------|--------|------------------------|
| A      |        |                        |
| B      |        |                        |
| C      |        |                        |
| D      |        |                        |
| E      |        |                        |
| F      |        |                        |

2.3 Write the classes of animals A, D, E & F give one characteristic feature of each class.

| Animal | Class | Characteristic feature |
|--------|-------|------------------------|
| A      |       |                        |
| D      |       |                        |
| E      |       |                        |
| F      |       |                        |

2.4 Write the feeding patterns seen in animals A,,C, D ,E & F and give one structural adaptation for the relevant feeding pattern.

| Animal | Feeding pattern | Adaptation |
|--------|-----------------|------------|
| A      |                 |            |
| C      |                 |            |
| D      |                 |            |
| E      |                 |            |
| F      |                 |            |

2.5 Briefly explain the body cavities seen in animals B and E.

B .....

.....

E.....

.....

2.6 Write the habitats of B, C and E. Give one adaptation of each animal for the relevant habitat.

|   | Habitat | Adaptation |
|---|---------|------------|
| B | .....   | .....      |
| C | .....   | .....      |
| E | .....   | .....      |

2.7 Name the excretory structures seen in animals C, D and F

C ..... D..... F .....

2.8 Give one ( 01 ) defensive mechanism seen in animals **C**, **F** and **D** to protect themselves from enemies.

( **C** ) .....

( **F** ) .....

( **D** ) .....

2.9 Name the animal which shows polymorphism and briefly define the term polymorphism.

**Animal** .....

**Polymorphism** .....

.....

.....

2.10 Name the larval forms of animals **A** and **E**.

**A**..... **E**.....