

## UNIT TEST

STANDARD – 11 (E)

TOTAL MARKS – 25

SUBJECT – BIOLOGY

TIME – 1 HOUR

SUBJECT CODE – 056

MEDIUM - ENGLISH

### Section – A

❖ **Do as directed. Each question carries 1 marks.** **[05]**

(1) Bioluminescence property is well-marked in .....

(a) Cnidaria

(b) Platyhelminthes

(c) Ctenophora

(d) Mollusca

(2) Define the term: (a) actinomorphic

(b) Placentation

(3) Fill in the blank:

..... junctions perform cementing to keep neighbouring cells together.

(4) Give the scientific name of:

(a) earthworm (b) frog

(5) What are inclusion bodies?

### Section – B

❖ **Answer the following questions. Each carries 2 marks.** **[06]**

Q.6 Name two cell-organelles that are double membrane bound.

Mention their important characteristics. (2 points at least for both the organelles.)

Q.7 Which is the excretory structure present in earthworm? Describe their types along with their name & number of segment where they are located?

Q.8 Draw a floral diagram for *Allium cepa*.

**OR**

Explain with diagram : valvate aestivation

### **Section – C**

❖ **Answer the following questions. Each carries 3 marks. [09]**

Q.9 List the modifications that are observed in birds that help them fly.

**OR**

Give difference between: Chondrichthyes and Osteichthyes

Q.10 Describe the types of flower on the basis of position of ovary.

(Diagram is necessary)

Q.11 Explain with diagram fluid mosaic model of plasma membrane.

### **Section – D**

❖ **Answer the following question. It carries 4 marks. [05]**

Q.12 Describe various types of epithelial tissues with the help of the labelled diagrams. (any five)

**OR**

(1) Explain : Digestive system of earthworm (Diagram is not necessary)

(2) Show diagrammatic representation of internal organs of frog showing complete digestive system.