

# T.I. School

Ambattur , Chennai - 600053

## QUARTERLY EXAMINATION -SEPTEMBER 2022

BIOLOGY

Total Marks: 35 Marks

Duration: 3 Hrs

Class: 11

### Part A

Choose the correct answer

8 X 1 = 8

- Five kingdom system of classification was given by \_\_\_\_\_.  
a) Woese                                      b) Whittaker                                      c) Linnaeus                                      d) Cronquist
- Taxon includes .....  
a) Genus and species                                      b) kingdom and division  
c) all ranks of hierarchy                                      d) none of the above
- The smallest taxon among the following is .....  
a) class                                      b) order                                      c) species                                      d) genus
- A group of organisms having similar traits of a rank is  
a) Species                                      b) Taxon                                      c) Genus                                      d) Family
- Adaptation of colour vision is found in  
a) Mammals                                      b) Aves                                      c) Reptiles                                      d) All of these
- Which of the following is not an insect?  
a) Cockroach                                      b) Spider                                      c) Mosquito                                      d) bedbug
- Body temperature of cold blooded animals  
a) Is constant                                      b) Fluctuates with surrounding temperature  
c) Becomes very lowa. times                                      d) Is very cold
- In cockroach, vision is due to  
a) one compound eye                                      b) two compound eyes  
c) two simple eyes                                      d) two compund and two simple eyes.

### Part B

Answer any Four of the following questions in one or two sentences

4 X 2 = 8

- Why mule is sterile in nature?
- Mention the subdivisions of Five Kingdom classification.
- Define family?
- What is the type of digestive system found among flatworms?
- Name two different types of larval stages in Porifera.
- What is the salient feature of Phylum Echinodermata?

### Part C

Answer any Three of the following questions in short

3 X 3 = 9

- Differentiate museum from zoological park?
- What is Binomial nomenclature? What is its significance?
- What is tissue level of Organization?
- What is notochord? How the animals are classified based on this presence or absence of notochord?
- Mention three salient features of phylum Ctenophora.

### Part D

Answer any two of the following questions in detail

2 X 5 = 10

- Explain the role of Latin and Greek names in Biology.
- List the rules of Nomenclature as given by ICZN?
- Write short notes about ctenophora.
- Write the salient features of the phylum mollusca.