



ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION



Sub: Biological Sciences

Class: XI Date: 3.08.2020

Animal Kingdom: Arthropoda, Mollusca and Echinodermata (Part-III) F.M:15

WORKSHEET – 29(ANSWERS)

(1x15=15)

i) Metamorphosis is observed in-

- (1) Annelida (2) **Arthropoda** (3) Mollusca (4) Ctenophora

ii) Chitin is present in the exoskeleton of

- (1) **Cockroach** (2) Star fish (3) Apple snail (4) Garden Snail

iii) Malpighian tubules are observed in

- (1) **Cockroach** (2) Prawn (3) Scorpion (4) Spiders

iv) Which of the following is not a part in the body of honey bees-

- (1) Head (2) Jointed legs (3) Abdomen (4) **Mantle**

v) Compound eyes in insects are present as

- (1) **Ommatidium** (2) Antenna (3) Radula (4) Osphradium

vi) A distinct head and muscular foot are present in

- (1) Octopus (2) Pila (3) Loligo (4) **All of these**

vii) Which of the following acts as a balancing organ?

- (1) **Statocyst** (2) Osphradium (3) Tentacles (4) Radula

viii) Kidney is an excretory organ in

- (1) Cockroach (2) Prawn (3) **Snail** (4) Star fish

ix) The shell of molluscs are made of

- (1) Silica (2) **Calcium Carbonate** (3) Cellulose (4) None of these

x) Which of the following is secreted by the insects?

- (1) Insulin (2) Florigen (3) **Pheromone** (4) Adrenaline

xi) In which of the following is the adult body radially symmetric?

- (1) Echinus (2) Octopus (3) Pila (4) **All of these**

xii) Madreporite is a part of

- (1) Nervous System (2) Circulatory System (3) Excretory System (4) **Water vascular System**

xiii) Which of the following is a locomotory organ in snails?

- (1) Cilia (2) Tube feet (3) Pili (4) **Flagella**

xiv) Excretory System is absent in

- (1) Arthropoda (2) Annelida (3) **Echinodermata** (4) All of these

xv) Which of the following pigments is present in the blood of Molluscs?

- (1) Haemoglobin (2) **Haemocyanin** (3) Haemoerythrin (4) Chlorocruonin

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