



ST. LAWRENCE HIGH SCHOOL

A JESUIT CHRISTIAN MINORITY INSTITUTION



Sub: Biological Sciences

Class: XI

Date: 27.06.2020

(Unit -I) **Ch-3- Kingdom Protista (Dinoflagellates and diatoms)** FM: 15

WORKSHEET – 12 (Answers)

(1x15=15)

- i) The scientist who created the Kingdom Protista was
(1) Copeland (2) **Haeckel** (3) Carl Woese (4) Aristotle
- ii) Most of the Protista are
(1) Epiphytic (2) Terrestrial (3) **Aquatic** (4) None of these
- iii) Cilia and flagella have _____ arrangement of microfibrils
(1) **9+2** (2) 10+1 (3) 8+3 (4) 7+4
- iv) Which of the following type of ribosomes are present in the organelles of the Protists?
(1) 80S (2) **70S** (3) 40S (4) 460S
- v) The number of flagella present in the dinoflagellates is
(1) 1 (2) **2** (3) 3 (4) 4
- vi) The armoured dinoflagellates have
(1) **Theca** (2) valves (3) Frustules (4) Cases
- vii) Which of the following are grooves present in dinoflagellates?
(1) Sulcus (2) Cingulum (3) **Both (1) and (2)** (4) None of them
- viii) The large nucleus present in the dinoflagellates have been named as _____ by Dodge.
(1) Epikaryon (2) **Mesokaryon** (3) Perikaryon (4) Megakaryon
- ix) The non – contractile vacuole which is present near the flagellar base is called
(1) **Pusule** (2) Lorica (3) Sulcus (4) None of these
- x) Which of the following toxins is released by the dinoflagellates?
(1) Myotoxin (2) Cytotoxin (3) **Saxitoxin** (4) Neurotoxin
- xi) Saxitoxin causes a disease in shell fishes, which is called-
(1) **Paralytic Shellfish Poisoning** (2) Amnesic Shellfish Poisoning
(3) Neurotoxic Shellfish Poisoning (4) None of these
- xii) In diatoms, the frustules are made up of
(1) Cellulose (2) Calcium (3) **Silica** (4) None of these
- xiii) Which of the following pigments are absent in diatoms?
(1) Chlorophyll a (2) Chlorophyll b (3) Fucoxanthin (4) **Phycoerythrin**
- xiv) The fertilization of diatoms produce zygote which grows in size and forms a rejuvenascent cell called
(1) Statospore (2) Oospore (3) **Auxospore** (4) Megaspore
- xv) The chief reserve food in diatoms is
(1) Laminarin (2) **Chrysolaminarin** (3) Mannitol (4) Starch

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