



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

(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) 60S
- 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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