



ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

Sub: LIFE SCIENCE

Class: VIII Date: 13.06.2020

Pamphlet (Plastids and centrosomes)

FM: 15

WORKSHEET – 36 (ANSWERS) (1x15=15)

- i) Which of the following cell organelles are present only in plants?
(1) **Plastid** (2)Centrosome (3) Lysosome (4) Ribosome
- ii) Which of the following cell organelles are present only in animals?
(1) Plastid (2) **Centrosome** (3) Vacuole (4)ER
- iii) The small bodies present within the centrosome are called-
(1) Chromosome (2) Chromatid (3) **Centriole** (4) Chromonema
- iv) The number of centrioles present in the centrosomes are-
(1) 1 (2) **2** (3)3 (4)4
- v) The plastids which stores food is called
(1) Chromoplast (2)Chloroplast (3)**Leucoplast** (4)Tonoplast
- vi) Which of the following cell organelles are autonomous?
(1) Mitochondria (2) Chloroplast (3)**Both (1) and (2)** (4) None of these
- vii) The green plastids in plants are called -
(1) Chromoplast (2) **Chloroplast** (3) Leucoplast (4)Tonoplast
- viii)The non-green plastids are called
(1) **Chromoplast** (2)Chloroplast (3)Leucoplast (4) Tonoplast
- ix) Which of the following pigments are present in the chloroplast??
(1) Xanthophyll (2)Carotene (3)**Chlorophyll** (4)Lycopene
- x) The leucoplasts are-
(1) Green (2)Red (3) Orange (4) **Colourless**
- xi) The plastid that helps in pollination is-
(1) Chloroplast (2)**Chromoplast** (3) Leucoplast (4)None of these
- xii) Photosynthesis is performed by
(1) Leucoplast (2) Chromoplast (3)**Chloroplast** (4)None of these
- xiii)The angle between two centrioles is
(1) 30° (2)60° (3)**90°** (4)120°
- xiv)Spindle fibres are formed during
(1) Cell growth (2) **Cell division** (3) Cell maturation (4) None of these
- xv) The basal body of cilia and flagella is formed by-
(1) ER (2) Ribosomes (3) Lysosomes (4) **Centrosomes**
