



# 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

(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

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