



# ST. LAWRENCE HIGH SCHOOL



A JESUIT CHRISTIAN MINORITY INSTITUTION

Sub: Life Science

Class: VIII

Date: 30.1.2021

## Ch-1 -Transport in Plants

F.M:15

### WORKSHEET – 6

(1x15=15)

- i) Which of the following will lead to the shrinkage in guard cells?  
(1) Bright light                      (2) Lack of water                      (3) More minerals                      (4) All of these
- ii) The rate of transpiration is higher on  
(1) Sunny day                      (2) Cloudy day                      (3) Both sunny and cloudy days  
(4) None of these
- iii) Which of the following help in opening of stomata?  
(1) Water                      (2) Light                      (3) Temperature                      (4) Oxygen
- iv) Lack of soil water  
(1) Increases transpiration                      (2) Decrease transcription                      (3) Has no effect on transpiration  
(4) None of these
- v) Transpiration rate is \_\_\_\_\_ under dry and arid conditions.  
(1) Higher                      (2) Lower                      (3) Variable                      (4) All of these
- vi) Too much of saturation causes reduction in  
(1) Swelling                      (2) Transpiration                      (3) Wilting                      (4) Translocation
- vii) Rate of transpiration is \_\_\_\_\_ on windy days  
(1) Higher                      (2) Lower                      (3) Variable                      (4) All of these
- viii) Low atmospheric pressure \_\_\_\_\_ transpiration  
(1) Decrease                      (2) Increase                      (3) Does not affect                      (4) None of these
- ix) The concentration of \_\_\_\_\_ increase during the day in guard cells.  
(1) Oxygen                      (2) Water vapour                      (3) Glucose                      (4) Carbon Dioxide
- x) Mountains have \_\_\_\_\_ atmospheric pressure than plains.  
(1) More                      (2) Equal                      (3) Less                      (4) Variable
- xi) Conifers have \_\_\_\_\_ rate of transpiration than Banyan.  
(1) More                      (2) Less                      (3) Equal                      (4) None of these
- xii) Which of the following factors affect transpiration?  
(1) Light                      (2) Soil water                      (3) Wind speed                      (4) All of these
- xiii) Which of the following does not affect transpiration?  
(1) Atmospheric pressure                      (2) Humidity                      (3) Temperature                      (4) Minerals
- xiv) Transpiration does not increase with  
(1) More wind speed                      (2) More soil water                      (3) High atmospheric pressure                      (4) More temperature
- xv) Which of the following increase transpiration?  
(1) Low light                      (2) low moisture content                      (3) More wind speed                      (4) less soil water

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