



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 transpiration** (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

Manjaree Guha