



PEARLS OF GOD

Marks obtained

Total Marks

Assessment..... Subject..... Date.....

Name..... Roll No.....

Class..... Sec..... Initial of Examiner.....

Class - VII / Biology / Worksheet - Ch-1

Q1. Name the following:-

- Essential elements needed in large quantity.
- Loss of water from aerial parts of plant.
- Movement of a substance against concentration gradient by using energy.
- An upward pull of water caused due to transpiration.
- The process by which transport of minerals occurs.

Q2. Fill in the blanks (Factors affecting Transpiration)

- Temperature of air _____ transpiration.
- _____ decreases transpiration.
- Wind speed _____ transpiration.
- _____ causes stomata to open and _____ transpiration.

Q3. Match the following:

Col - A

Col - B

- | | |
|---------------------------|---------------------|
| a) cell to cell transport | * Osmosis |
| b) semipermeable membrane | * Passive transport |
| c) Diffusion | * Active transport |
| d) Store food | * Phloem fibre |
| e) Non living | * Phloem parenchyma |
| | * Xylem vessels |
| | * Xylem parenchyma |
| | * cortex cell |

Q4. Draw the diagram of the following-

- Phloem tissue.
- Different types of xylem
- transport of water and minerals in plants.