

17 MAY

15

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MONDAY

Wk 20 DAY 135-230

(6)

MAY						
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B.A. Part - III

Paper - V

Date - 18/06/2022

9 Geographical Thoughts and Three Southern
10 Continents:-
11 (Unit - III)

* Hydrological Cycle (Continued)

12 # Components of Hydrological Cycle :->

1. Evaporation :->

2 -> Evaporation is process in which
3 surface water get energized by the
4 solar radiations.

5 -> In other words, we can say that,
6 Evaporation is the process by which
7 water changes from a liquid to a
8 gas or vapour. Or substance in a
9 liquid state changing to a gaseous
10 state due to an increase in
11 temperature or pressure.

12 -> Evaporation is a fundamental part
of the water cycle and it is
constantly occurring throughout
nature.

I don't know the key to success, but the key to failure is trying to please everybody.

Cosby. B1

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TUESDAY

DAY 136-229 Wk 20

16

→ As the temperature increases, the rate of evaporation also increases.

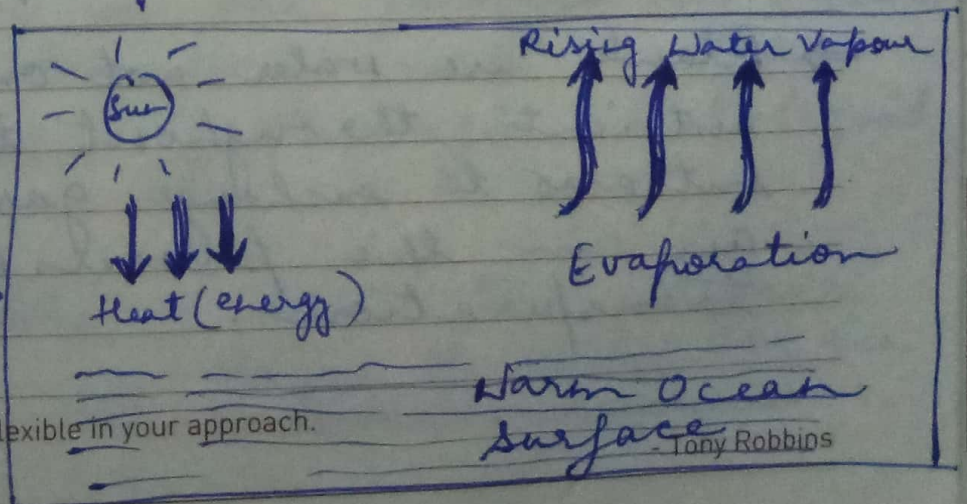
→ The amount of evaporation depends on the temperature as well as it also depends on the amount of water there is to evaporate.

→ For example, there is not much evaporation occurring in the Sahara desert, but why? Although it can get extremely hot in the Sahara Desert due to sand but there is not much amount of water to be evaporated.

→ Largest amount of water comes from oceanic evaporation.

→ Surface water sufficiently energized break free from the forces binding them together and they evaporate as water vapour.

Evaporation →



Stay committed to your decisions; but stay flexible in your approach.

Tony Robbins

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27 Transpiration :->

-> Transpiration is the process of water passing out from the surface of a plant or leaf.

-> As we know that the roots absorb water and minerals from the soil but most of the water absorbed is lost, in the form of water vapour, into the air and this process is known as Transpiration.

-> In other words, the process of water movement through a plant and its evaporation from aerial parts, such as leaves, stems and flowers.

-> Evaporation along with transpiration is known as Evaporation.

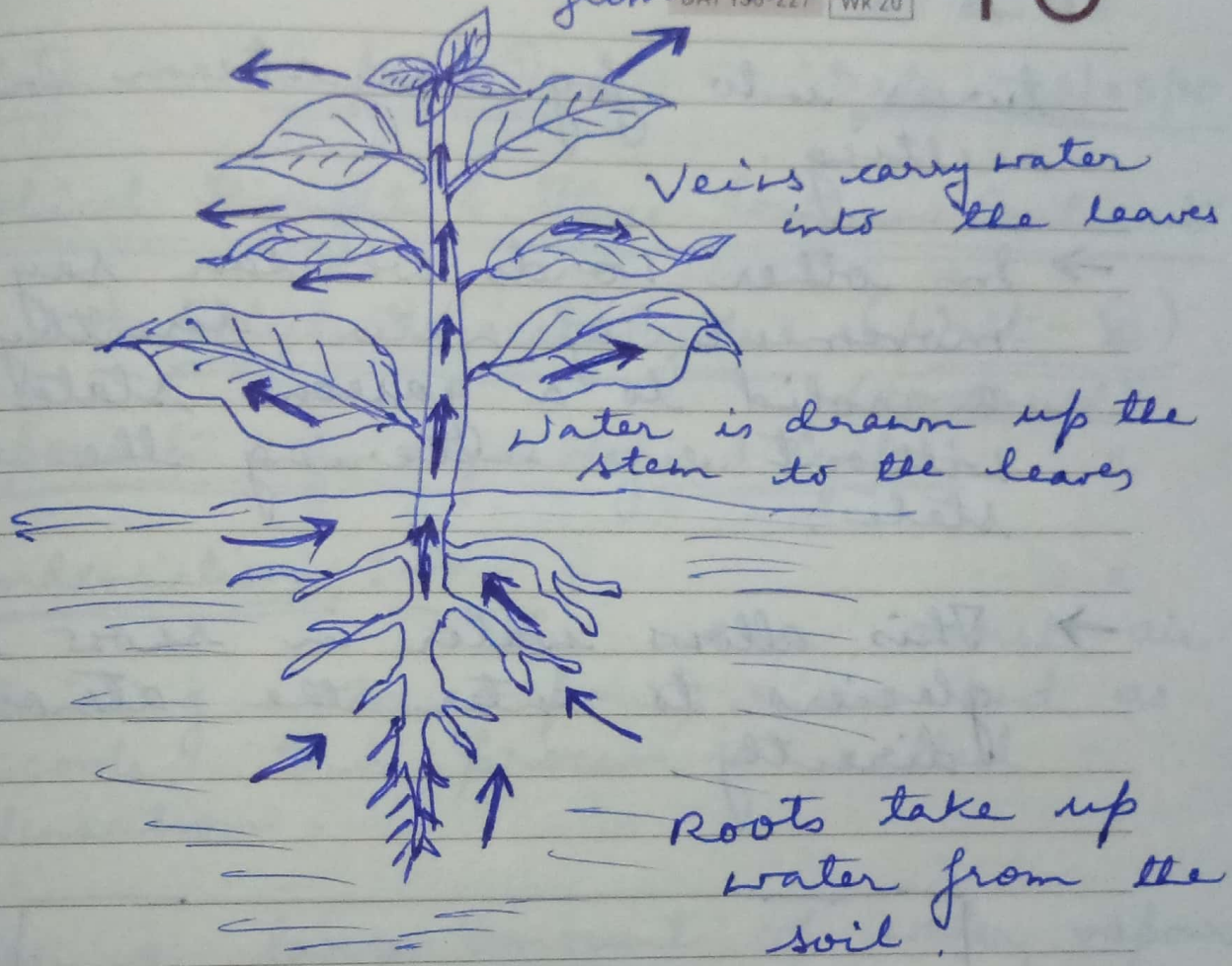
-> Plants use water not only to carry nutrients throughout their tissues, but also to exchange gases with the air in the process known as transpiration.

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Water evaporates from the leaves

HURSDAY
DAY 136 227 WK 20

18



Process of Transpiration

3.7 Sublimation :->

-> Sublimation is the process by which a solid transforms into a gas without passing through the liquid stage.

-> For example - When the surface layer of snow or ice

Planning is bringing the future into the present so that you can do something about it now.

- Alan Lakein

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turns into fog or steam without melting.

→ In other words, we can say that movement of water directly from a solid to a gaseous state without ever entering the liquid state.

→ This allows water in snow or glaciers to enter the atmosphere directly.

