



BIOLOGY

BOOKS - TRUEMAN'S BIOLOGY

(ENGLISH)

NCERT Exemplar Questions +1

(TRANSPORT IN PLANTS)

Mcqs

1. Which of the following statements does not apply to reverse osmosis ?

A. It is used for water purification

B. 2. In this technique, pressure greater than osmotic pressure is applied to the system

C. 3. It is a passive process

D. 4. It is an active process

Answer: c





[Watch Video Solution](#)

2. Which one of the following will not directly affect transpiration?

A. Temperature

B. Light

C. Wind speed

D. Chlorophyll content of leaves

Answer: d



[Watch Video Solution](#)

3. The lower surface of leaf will have more number of stomata in a

A. (a) dorsiventral leaf

B. (b) isobilateral leaf

C. (c) both (a) and (b)

D. (d) none of these

Answer: a



Watch Video Solution

4. The form of sugar transported through phloem is

A. glucose

B. fructose

C. sucrose

D. cellulose

Answer: c



Watch Video Solution

5. The process of guttation takes place

A. when the root pressure is high and the rate of transpiration is low

B. when the root pressure is low and the rate of transpiration is high

C. when the root pressure equals the rate of transpiration

D. when the root pressure as well as rate of transpiration are high

Answer: a



Watch Video Solution

6. Which of the following is an example of imbibition ?

- A. 1. Uptake of water by root hair
- B. 2. Exchange of gases in stomata
- C. 3. Swelling of seed when put in soil
- D. 4. Opening of stomata

Answer: c



Watch Video Solution

7. When a plant undergoes senescence, the nutrients may be

- A. exported
- B. withdrawn
- C. translocated
- D. None of these

Answer: b



Watch Video Solution

8. Water potential of pure water at standard temperature is equal to

A. 10

B. 20

C. Zero

D. None of these

Answer: c



Watch Video Solution

9. Choose the correct option Mycorrhiza is a symbiotic association of fungus with root system which helps in

A. absorption of water

B. mineral nutrition

C. translocation

D. gaseous exchange.

A. Only A

B. Only B

C. Both A and B

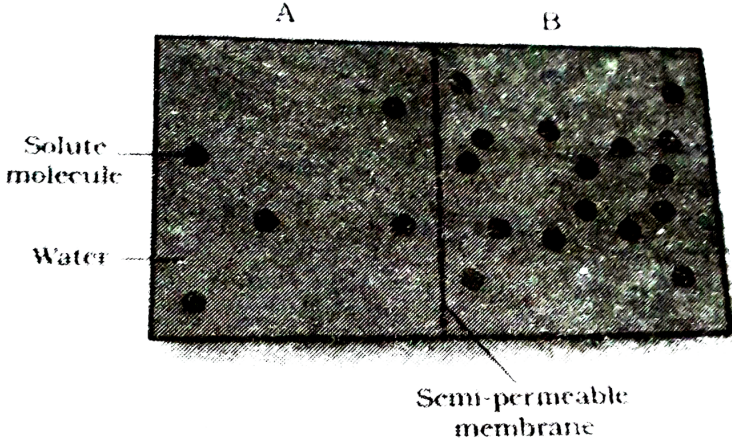
D. Both B and C

Answer: c



Watch Video Solution

10. Based on the figure given below which of the following statements is not correct ?



A. Movement of solvent molecules will take place from chamber A to B.

B. Movement of solute will take place from A to B.

C. Presence of a semipermeable is a pre requisite for this process to occur

D. The direction and rate of osmosis depends on both the pressure gradient and concentration gradient

Answer: b



Watch Video Solution

11. Match the followings and choose the correct option

A.	Leaves	(i)	Anti-transpirant
B.	Seed	(ii)	Transpiration
C.	Roots	(iii)	Negative osmotic potential
D.	Aspirin	(iv)	Imbibition
E.	Plasmolyzed cell	(v)	Absorption

A. A-(iii), B-(iv), C-(i), D-(ii)

B. A-(i), B-(ii), C-(iii), D-(iv)

C. A-(iii), B-(ii), C-(iv), D-(i)

D. A-(iii), B-(ii), C-(i), D-(iv)

Answer: b



View Text Solution

12. Mark the mismatched pair.

(a) Amyloplast	i.	Store protein granules
(b) Elaioplast	ii.	Store oils or fats
(c) Chloroplasts	iii.	Contain chlorophyll pigments
(d) Chromoplasts	iv.	Contain coloured pigments other than chlorophyll
(e) Leucoplast	v.	Contains colourless pigments



[Watch Video Solution](#)