

NEET TRANSPORT IN PLANTS — PLANT–WATER RELATIONS (WATER POTENTIAL, OSMOSIS, PLASMOLYSIS, IMBIBITION) — PYQS

Max. Marks: 12

Questions: 3

Section A (MCQ) — 3 questions

Q.1 Addition of more solutes in a given solution will:

[NEET (UG) 2022]

- (1) raise its water potential
- (2) lower its water potential
- (3) make its water potential zero
- (4) not affect the water potential at all

Scan or tap for the full solution



Q.2 The water potential of pure water is [NEET 2017]

- (1) less than zero
- (2) more than zero but less than one
- (3) more than one
- (4) zero

Scan or tap for the full solution



Q.3 Two cells A and B are contiguous. Cell A has osmotic pressure 10 atm, turgor pressure 7 atm and diffusion pressure deficit 3 atm. Cell B has osmotic pressure 8 atm, turgor pressure 3 atm and diffusion pressure deficit 5 atm. The result will be

[AIPMT 2007]

- (1) no movement of water
- (2) equilibrium between the two
- (3) movement of water from cell A to B
- (4) movement of water from cell B to A

Scan or tap for the full solution



ANSWER KEY

Ques.	1	2	3								
Ans.	2	4	3								