Unit 5 - Week 3

Assignment 3

Due on 2023-09-01, 23:59 IST.

1. Water is flowing in a nearly 20 L tank at the rate of 2.5 L/min. At the same rate, the tank leaks water at a rate of 1.0 L/min. How long will it take to fill the tank without using the leak? Choose the option closest to your answer.
   - 3.5 s
   - 4.5 s
   - 5.5 s
   - 6.5 s
   2. The chemical is
   - Ammonia
   - Phosphate
   - Nitrate
   - Nitrite
   3. What is the relationship between light and photosynthesis?
   - Light is necessary for photosynthesis.
   - Some plants use light for photosynthesis.
   - All plants use light for photosynthesis.
   - Some plants do not use light for photosynthesis.
   4. What are the types of energy transfer in the ecosystem?
   - Light energy, chemical energy, mechanical energy
   - Light energy, chemical energy, electrical energy
   - Light energy, chemical energy, thermal energy
   - Light energy, chemical energy, kinetic energy

Text Transcripts

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