

1. i) What is meant by the term seed dispersal?

ii) State three ways in which seed dispersal is important.

i) Define potential energy?

ii) A 400 g orange on a tree is 120 cm above the ground. Calculate the potential energy of the orange.

[ $g = 10 \text{ ms}^{-2}$ ]

Give two examples each of the following types of fertilizer:

i) inorganic fertilizers,

ii) organic fertilizers.

Three liquids, dilute acid solution, alkaline solution and distilled water, were kept in unlabelled identical reagent bottles.

Describe briefly a test that could be performed to identify each of the liquids.

ANSWER

a) i) Seed dispersal is the spreading of seeds away from the parent plant.

ii) Ways in which seed dispersal is important

1. It prevents overcrowding of seedlings.

2. It prevents competition for resource between seedlings and parent plant (or between seedlings).

3. It allows plants to colonize new habitats or areas or lands.

4. It minimizes epidemic diseases among seedlings.

5. It prevents total destruction of plants by natural disasters (or it prevents plants from extinction)

6. It ensures that fewer plants are eaten by predators.

7. It results in diversity of vegetation in any given location (or it results in availability of plant species in many widely dispersed areas).

b) Potential energy is the energy possessed by a body due to its position above a reference point (or the ground or relative to others).

# Wassce 2integrated Science Paper Leak

**Patrick Vollmar**



## **Wassce 2integrated Science Paper Leak:**

## **Wassce 2integrated Science Paper Leak** Book Review: Unveiling the Magic of Language

In a digital era where connections and knowledge reign supreme, the enchanting power of language has are more apparent than ever. Its ability to stir emotions, provoke thought, and instigate transformation is truly remarkable. This extraordinary book, aptly titled "**Wassce 2integrated Science Paper Leak**," published by a highly acclaimed author, immerses readers in a captivating exploration of the significance of language and its profound impact on our existence. Throughout this critique, we shall delve in to the book is central themes, evaluate its unique writing style, and assess its overall influence on its readership.

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