

WORKSHEET-B**1. The Amazing World of Science****Section A – Objective-Type Questions****1. Tick (✓) the correct answer.**

(i) What do plants need to grow?

(a) Sunlight, water and nutrients

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(b) Rocks and soil

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(c) Air only

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(d) None of the above

☐

(ii) Which process helps seeds to sprout?

(a) Photosynthesis

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(b) Germination

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(c) Condensation

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(d) Precipitation

☐**2. Assertion-Reason Based Question.**

In the following question, two statements are given—one labelled as **Assertion (A)** and the other labelled as **Reason (R)**. Select the correct answer to this question from the codes (a), (b), (c) and (d) as given below.

(a) Both A and R are true and R is the correct explanation of the assertion.

(b) Both A and R are true but R is not the correct explanation of the assertion.

(c) A is true but R is false.

(d) A is false but R is true.

Assertion (A): Water is a magical liquid.**Reason (R):** Water helps dissolve nutrients in the soil for plants to absorb.**Section B – Source-Based Questions****1. Read the following text and answer the questions that follow.**

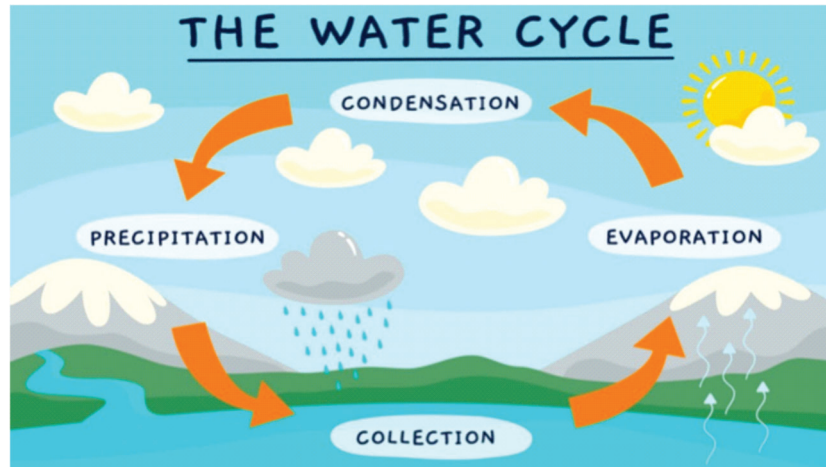
Science helps us observe, question and learn about the natural world. For instance, plants grow tall and strong with sunlight, water and nutrients, while rocks do not grow or change like living organisms.

(i) Why are plants important for us?

(ii) What makes living things different from non-living things?

(iii) Why does leaves change colour before falling?

2. Observe the water cycle image below and answer the following:



(i) Why is water important for plants and animals?

(ii) How does the water cycle support life on Earth?

(iii) How will the knowledge of the water cycle help the farmers?
