



DR. R. N. INTERNATIONAL SCHOOL

UNDER THE AGIS OF S. S. SITARAMSINGH EDUCATIONAL AND CHARITABLE
TRUST

MOHANPUR, SITAMARHI- 843302

Chapter - 1

The Living and Non-living

Vocabulary and Meanings

- **Characteristics** – विशेषताएँ
- **Similar** – एक जैसा
- **Responsible** – जिम्मेदार
- **Several** – अनेक
- **Possess** – अधिकार में होना
- **Activities** – गतिविधियाँ
- **Required** – आवश्यक
- **Pores** – छिद्र
- **Photosynthesis** – प्रकाश संश्लेषण
- **Transpiration** – वाष्पोत्सर्जन
- **Reproduction** – प्रजनन
- **Excretion** – उत्सर्जन
- **Hatch out** – अंडे से निकलना
- **Respond** – प्रतिक्रिया देना
- **Process** – प्रक्रिया

EXERCISES

A. Tick (✓) the correct option.

1. Which of the following is a living thing?
 - ☐ a) Rock
 - ☐ b) Car
 - ☒ c) Tree (✓)
 - ☐ d) Road
 2. Which organ do humans use for breathing?
 - ☐ a) Gills
 - ☒ b) Lungs (✓)
 - ☐ c) Stomata
 - ☐ d) Spiracles
 3. What do plants use to make their own food?
 - ☐ a) Soil, water, and sunlight
 - ☒ b) Air, water, and sunlight (✓)
 - ☐ c) Air, water, and soil
 - ☐ d) Sunlight, soil, and rocks
 4. Which of the following animals lays eggs?
 - ☐ a) Human beings
 - ☐ b) Lions
 - ☒ c) Birds (✓)
 - ☐ d) Elephants
 5. What process allows living things to get rid of waste products?
 - ☐ a) Reproduction
 - ☐ b) Growth
 - ☒ c) Excretion (✓)
 - ☐ d) Photosynthesis
-

B. Fill in the blanks.

1. Birds, trees, cows, dogs, and humans are examples of **living** things.
2. Cars, houses, and roads are examples of **non-living** things made by humans.

3. Fish breathe through their **gills**.
 4. Plants make their own food through the process of **photosynthesis**.
 5. The fastest land animal is the **cheetah**, which can reach speeds of up to 100 km per hour.
-

C. Match the following.

1. **Fish** — b) Breathe through gills
2. **Human lungs** — d) Breathe through lungs
3. **Plants** — e) Make food using sunlight
4. **Touch-me-not plant** — c) Responds to touch
5. **Waste removal in plants** — a) Excretion through transpiration

D. Answer the following questions: -

1. What is the main difference between living and non-living things?

Ans: Living things can grow, breathe, move, and reproduce whereas non-living things cannot do any of these things.

2. Explain how plants breathe and through which part of their body.

Ans: Plants breathe through small pores present on their leaves. These pores are called stomata.

3. Why do living things need food?

Ans: Living things need food because it gives them energy to work and play.

4. Describe how living things move, giving at least three examples.

Ans: Living things move in different ways: —

- **Example I** – Humans and animals like dogs use their legs to walk.
- **Example II** – Birds and insects use their wings to fly.
- **Example III** – Fish use their fins and tails to swim.

5. How do plants respond to changes in their environment? Give one example.

Ans: Plants respond to changes like touch or light.

- **Example I** – The 'Touch me not' plant quickly closes its leaves if someone touches it.
- **Example II** – Sunflower turns its face toward the sun.

E. Give two examples of the following.

1. **Living things:** Humans, Trees
2. **Non-living things:** Rock, Road

3. **Human-made things:** Cars, Houses