

CHAPTER-1 | Exploring the Investigative World of Science

QUIZ
PART-01

1. Science investigation begins by asking:

- A. Random questions
- B. Focused questions
- C. No questions
- D. Only simple questions (B)

Explanation : Investigation starts with focused questioning.

2. Inquiry-based learning has how many steps?

- A. 2
- B. 3
- C. 4
- D. 5 (B)

Explanation : It includes observe, experiment, explain.

3. Microbes are:

- A. Large animals
- B. Visible insects
- C. Tiny living organisms
- D. Non-living things (C)

Explanation : Microbes are too small to see with naked eyes.

4. Some microbes are useful in:

- A. Pollution
- B. Digestion
- C. Dust formation
- D. Rusting (B)

Explanation : Helpful microbes aid digestion.

5. Vaccines help us:

- A. Grow taller
- B. Fight infections
- C. Sleep better
- D. Gain weight (B)

Explanation : Vaccines protect against diseases.

6. Science in daily life includes:

- A. Electricity
- B. Water pumps
- C. Heaters
- D. All of these (D)

Explanation : Science is present in daily appliances.

7. Observation should be:

- A. Careless
- B. Careful
- C. Fast
- D. Ignored (B)

Explanation : Careful observation is key to science.

8. Experiments should be:

- A. Random
- B. Thoughtful
- C. Ignored
- D. Quick only (B)

Explanation : Experiments must be thoughtfully designed.

9. Microbes can also cause:

- A. Digestion
- B. Infections
- C. Vaccination
- D. Growth (B)

Explanation : Harmful microbes cause diseases.

10. Science improves:

- A. Superstition
- B. Logical thinking
- C. Guessing
- D. Fear (B)

Explanation : Science promotes logical reasoning.