

CHAPTER-1 | Exploring the Investigative World of Science

QUIZ
PART-05

1. A puri puffs up due to:

- A. Magic
- B. Heat
- C. Wind
- D. Colour (B)

Explanation: Heat causes steam expansion.

2. Thickness of dough is:

- A. Observation
- B. Control variable
- C. Result
- D. Error (B)

Explanation: It can be controlled.

3. Oil temperature is:

- A. Controlled factor
- B. Result
- C. Conclusion
- D. Random (A)

Explanation: Temperature can be adjusted.

4. Whether puri puffs is:

- A. Control
- B. Observation
- C. Prediction
- D. Mistake (B)

Explanation: It is observed outcome.

5. Thinking like scientist means:

- A. Guessing
- B. Asking questions
- C. Ignoring
- D. Sleeping (B)

Explanation: Science begins with questioning.

6. After experiment we should:

- A. Stop
- B. Ask more questions
- C. Forget
- D. Repeat blindly (B)

Explanation: Inquiry continues.

7. Control variable means:

- A. Change everything
- B. Change nothing
- C. Adjust specific factors
- D. Observe only (C)

Explanation: Some factors are controlled.

8. Observation includes:

- A. Time taken
- B. Puffing
- C. Thickness
- D. All (D)

Explanation: Multiple results are observed.

9. Science in kitchen teaches:

- A. Superstition
- B. Inquiry and experimentation
- C. Guesswork
- D. Fear (B)

Explanation: Everyday science builds inquiry skills.

10. Science experiments can be done:

- A. Only in lab
- B. Only in school
- C. In kitchen
- D. Nowhere (C)

Explanation: Simple experiments can be home-based.