

CHAPTER-4 | Magnetic Effect of Electric Current

QUIZ
PART-05

1. Dry cell is called dry because:

- A. No liquid
- B. Paste electrolyte
- C. No metal
- D. No current (B)

Explanation: Electrolyte is moist paste.

2. Zinc container acts as:

- A. Positive terminal
- B. Negative terminal
- C. Electrolyte
- D. Cap (B)

Explanation: Zinc is negative terminal.

3. Carbon rod with metal cap is:

- A. Negative
- B. Positive
- C. Neutral
- D. Insulator (B)

Explanation: It forms positive terminal.

4. Dry cells are:

- A. Rechargeable
- B. Single use
- C. Permanent
- D. Heavy (B)

Explanation: They cannot be recharged.

5. Rechargeable batteries:

- A. Used once
- B. Reused many times
- C. No current
- D. Cheaper always (B)

Explanation: They can be recharged.

6. Lithium-ion batteries are:

- A. Non-rechargeable
- B. Rechargeable
- C. Heating devices
- D. Magnets (B)

Explanation: Li-ion batteries are rechargeable.

7. Large rechargeable batteries used in:

- A. Watches
- B. Laptops
- C. Inverters
- D. Toys (C)

Explanation: Inverters use large batteries.

8. Advantage of rechargeable battery:

- A. Wasteful
- B. Saves money
- C. Heavier
- D. Single use (B)

Explanation: Reusable, cost-effective.

9. Solid-state batteries use:

- A. Liquid electrolyte
- B. Solid electrolyte
- C. Gas
- D. Water (B)

Explanation: They use solid electrolyte.

10. Improved batteries help:

- A. Pollution increase
- B. Environment-friendly energy
- C. Heat loss
- D. Noise (B)

Explanation: Better batteries support clean energy.