

Waste Management Basics

Waste Management · Answer Key · 12 Questions

1. In what year was the Environmental Protection Agency (EPA) established in the United States, a key body for waste management regulations?

- A) 1965
- B) 1970**
- C) 1985
- D) 1992

2. What is the commonly used acronym for the process of recovering and reprocessing waste materials into new products?

- A) REDUCE
- B) REUSE
- C) RECYCLE**
- D) RECOVER

3. The 'Reduce, Reuse, Recycle' hierarchy is a widely accepted framework. Which of these actions generally has the lowest priority in this hierarchy?

- A) Reducing consumption
- B) Reusing items
- C) Recycling materials**
- D) Composting organic waste

4. What year saw the signing of the Basel Convention, an international treaty controlling the transboundary movement of hazardous wastes and their disposal?

- A) 1979
- B) 1989**
- C) 1999
- D) 2009

5. Approximately what percentage of household waste in Australia is recycled, based on recent national statistics?

- A) 10%
- B) 30%
- C) 60%**
- D) 90%

6. Which type of waste is typically handled through composting?

- A) Glass bottles
- B) Plastic bags
- C) Food scraps**
- D) Metal cans

7. What does the term 'landfill' primarily refer to in waste management?

- A) A facility for recycling plastics
- B) A designated area for the disposal of waste materials**
- C) A system for generating electricity from waste
- D) A site for the sorting of recyclable goods

8. The Waste Management Hierarchy prioritizes actions to minimize waste. What is the most preferred option at the top of this hierarchy?

- A) Recycle
- B) Recover energy
- C) Reduce**
- D) Dispose

9. What is the primary goal of waste-to-energy (WtE) facilities?

- A) To convert waste into fertilizer
- B) To produce electricity or heat from waste**
- C) To extract raw materials from waste for industrial use
- D) To completely eliminate all forms of waste

10. In the context of waste management, what does the '3Rs' stand for?

- A) Reduce, Reuse, Reclaim
- B) Repair, Recycle, Rethink
- C) Reduce, Reuse, Recycle**
- D) Remove, Resell, Repurpose

11. What year is often cited as the start of modern landfill practices in many developed countries, moving away from open dumping?

- A) 1850
- B) 1920
- C) 1950**
- D) 2000

12. Which element is a key component in the production of biogas from anaerobic digestion of organic waste?

- A) Oxygen
- B) Nitrogen
- C) Methane**
- D) Carbon Dioxide