

Name _____

Electric Vehicles and Their Environmental Impact

Multiple Choice Questions

1. What is one major advantage of electric vehicles over traditional gasoline cars?

- A) They produce more greenhouse gas emissions.
- B) They have higher fuel consumption.
- C) They release zero tailpipe emissions.
- D) They are noisier.

2. How do electric vehicles contribute to improving air quality?

- A) They release nitrogen oxides.
- B) They emit harmful particulate matter.
- C) They produce zero tailpipe emissions.
- D) They increase smog formation.

3. What makes electric vehicles more energy-efficient compared to gasoline cars?

- A) They convert less energy into motion.
- B) They consume more energy.
- C) They convert a higher percentage of energy into motion.
- D) They rely on fossil fuels for power.

4. What happens to old electric vehicle batteries after retirement?

- A) They are thrown in landfills.
- B) They are reused in new vehicles.
- C) They are recycled for various applications.
- D) They are sold as collector's items.

5. How do electric vehicles contribute to electronic waste (e-waste)?

- A) They do not produce e-waste.
- B) They generate e-waste when retired.
- C) They use biodegradable materials.
- D) They recycle all their components.

