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1. Which of the following is a non-renewable resource?

- (a) **Coal**
- (b) Forests
- (c) Water
- (d) Wildlife

2. Which among the following is not a renewable source of energy?

- (a) Solar energy
- (b) **Biomass energy**
- (c) Hydro-power
- (d) Geothermal energy

3. Identify the non-renewable energy resource from the following:

- (a) **Coal**
- (b) Fuel cells
- (c) Wind power
- (d) Wave power

4. Which of the following is a disadvantage of most of the renewable energy sources?

- (a) Highly polluting
- (b) High waste disposal cost
- (c) **Unreliable supply**
- (d) High running cost

5. Photovoltaic energy is the conversion of sunlight into:

- (a) **Chemical energy**
- (b) Biogas
- (c) Electricity

(d) Geothermal energy

6. Horizontal axis and vertical axis are the types of:

(a) Nuclear reactor

(b) Wind mills

(c) Biogas reactor

(d) Solar cell

7. Which among the following is not an adverse environmental impact of tidal power generation?

(a) Interference with spawning and migration of fish

(b) Pollution and health hazard in the estuary due to blockage of flow of polluted water into the sea

(c) Navigational hazard

(d) None of the above

8. Steam reforming is currently the least expensive method of producing:

(a) Coal

(b) Biogas

(c) Hydrogen

(d) Natural gas

9. A fuel cell, in order to produce electricity, burns:

(a) Helium

(b) Nitrogen

(c) Hydrogen

(d) None of the above

10. Fuel cells are:

(a) Carbon cell

(b) Hydrogen battery

(c) Nuclear cell

(d) Chromium cell