1008 Dreketi Sangam School
Year 8
Basic Science
Worksheet 2021

A) Multiple Choice

1. Which of the following power stations changes the Potential Energy of water into Electrical Energy?

A. Geothermal B. Coal C. Hydroelectric D. Fuel

2. Which Fossil fuel formed from the remains of plants buried millions of years ago?

A. Natural gas B. Wood C. Coal D. oil

3. Which of the following power sources can produce electricity directly, with no moving parts needed?

A. Coal fired power station B. tidal movements
C. solar cells D. windmill

4. Imagine you are a Manager for the Wrapped Packaging Company. You want your company to use the material that will breakdown most easily in the environment. Which of the following wrapping materials would be best to use?

A. recycled paper B. aluminum C. plastic D. glass

5. The biggest problem linked to nuclear power production is:

A. what to do with radioactive wastes B. obtaining Uranium fuel
C. greenhouse gas production D. the production of heat.

B) Short Answers

1. a. What are the four main sources of energy?
_____

b. Energy from the sun is called _____ energy. Coal, oil and gas are _____

c. A windmill is powered by _____ energy which can generate electricity and also electricity can be harnessed from hydro-power which is powered by _____energy.

2. List four objects/machines that are powered by fossil fuel.
_____

3. Name **the** source of energy that is becoming short in supply.

_____

The End