

1) What is energy?

2) What are the 2 categories of energy? (2pts)

1 _____

2 _____

3) What is kinetic energy?

4) Define the following forms of kinetic energy: (5pts)

a. Electrical- _____

b. Radiant- _____

c. Thermal- _____

d. Motion- _____

e. Sound- _____

5) What is potential energy? _____

6) Define the following forms potential energy: (4pts)

a. Chemical- _____

b. Elastic- _____

c. Nuclear- _____

d. Gravitational- _____

7) What does the Law of Conservation of Energy state? _____

8) What is energy efficiency? _____

9) How efficient is the human body? What happens to most of the energy? (2pts)

1 _____

2 _____

10) How are energy sources classified? _____

11) In the United States, where does most of our energy come from?

12) What does nonrenewable mean? _____

13) What are 5 nonrenewable resources? (5pts)
1) _____
2) _____
3) _____
4) _____
5) _____

14) What does renewable mean?

15) What are 5 renewable resources? (5pts)
1) _____
2) _____
3) _____
4) _____
5) _____

16) Define secondary source and give an example (2pts)
1) _____
2) _____

17) Put the following in order of U.S. consumption from highest (1) to lowest (10) (10pts)

- | | |
|-----------------|---------------------|
| ___ Biomass | ___ Solar and Other |
| ___ Propane | ___ Coal |
| ___ Wind | ___ Uranium |
| ___ Natural Gas | ___ Petroleum |
| ___ Geothermal | ___ Hydropower |