

NAME:

Question 1. Give 3 examples each of useful **qualitative** and **quantitative** observations made at:

(A) a meteor shower viewing

(B) a beach cleanup

Question 2. Choose an **appropriate kind of graph or chart** to show:

- (A) **How the air temperature in your village changes during the given day.** (You can look it up at weather.com, type in your zipcode and select to display an *hourly* forecast.) **Make a sketch on the back of this page; you don't need to "graph" it precisely, just show what it looks like and specify the graph type.**
- (B) **Fresh water resources on Earth.** "Where is fresh water found and how much?" Make a sketch on the back of this page.
- (C) **Monthly consumption of electrical energy for the period of one year** in a typical single-family Long Island house *equipped with both electrical heating system and central air conditioner*. Make a sketch on the back of this page.