GEOTHERMAL POWER

1. Fill in the gaps with words provided. Beware of the spelling or it will be marked as a mistake.

water	volcanic	turbine	surface	pumped
pressure	hot	heat	heat	generator
exchanger				

Energy can be obtained from ------- from the ground in areas of ---------- activity. Cold -------- is ---------- under pressure into a layer of ------ rocks. The rocks --------- the water and the hot water then returns to the ---------- under -------. The hot water heats up a second supply of water using a heat ----------. The steam produced in the second supply moves a ----------, which generates electricity in a ----------. Water can then be re-used in the system to continue the process.

2. Classify the following statements into advantages (A) or disadvantages (D) of geothermal power:

- Can be expensive to install
- Does not contribute to global warming, ozone depletion and does not cause acid rain
- Does not produce carbon dioxide
- Emission of sulfuric gases
- Only certain areas have suitable conditions
- Possible danger from eruptions and earthquakes
- Reliable and provides a constant energy supply
- Renewable (Unlimited supply)
- Used for heating and electricity