FOSSIL FUELS

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

turbine	steam	shaft	remains	heats	generator
electricity	decomposition		combustion	coils	boiler
blades					

Energy can be obtained from the --------- of fuels made from the ---------- of the ---------- of plants and animals. Burning fossil fuels -------- up water in the -------- which is converted to ---------. The steam passes through the -------- of the ----------, causing them to move. As a result of the rotation of the --------, the copper ------- in the -------move, producing ----------.

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

- Burning fossil fuels causes air pollution (carbon dioxide and toxic gases), acid rain and global warming (impacting on climate change)
- Deep mining is dangerous
- Existing technology: the fuel is available for most countries to use
- Extraction provides jobs
- Limited supplies: prices will rise as the supplies get smaller.
- Modern methods of coal extraction have increased output
- Non- renewable
- Oil and gas are easy to transport by pipelines or tankers
- Oil is the basis for the petrochemical industry
- Oil spillages and gas leaks are dangerous
- Open cast mining hurts the environment
- Production costs have risen
- Refineries take up much space
- Reserves of oil and natural gas may only last another 50-70 years
- It does not rely on the weather
- They are affected by global price rises and politics.
- They are safer than nuclear energy
- Used for electricity and heating
- World reserves of coal are likely to last around 300 years