

Exercise 1:

Choose **NO MORE THAN TWO WORDS** from the passage for each answer.

Hydroelectric plants harness energy by passing flowing water through a turbine. The water turbine rotation is delivered to a generator, which generates electricity. The quantity of electricity that can be produced at a hydroelectric plant relies upon two variables. These variables are (1) the vertical distance that the water falls, called the "head", and (2) the flow rate, calculated as volume over time. The amount of electricity that is produced is thus proportional to the head product and the flow rate. Until only recently people believed almost universally that hydroelectric power was an environmentally safe and clean means of generating electricity. Hydroelectric stations do not release any of the usual atmospheric pollutants emitted by power plants fuelled by fossil fuels so they do not add to global warming or acid rain. Nevertheless, recent studies of the larger reservoirs formed behind dams have implied that decomposing, flooded vegetation could give off greenhouse gases equal to those from other electricity sources.

Questions:

Hydroelectric plants produce energy by passing 1..... through a turbine. Electricity is produced by delivering water 2..... to a generator. The amount of electricity that can be produced at a hydroelectric plant relies upon 3..... and 4..... Hydroelectric power plants do not release any pollutants into the atmosphere, so they do not cause 5.....

Exercise 2:

Although there are many millions of olfactory cells in the nose, the taste is a more intense experience than smell; food technologists believe this is because of the strong pleasure relationship between the brain and food. And it is universally acknowledged that sweetness is the ultimate pleasurable taste sensation. For example, the French writer Marcel Proust is famous for using this idea in his work: eating a particular cake by chance one day brings back highly vivid memories of childhood for the narrator of his epic *In Search of Past Time*. The words 'sugar', 'honey' and 'sweetie' are used by lovers as terms of endearment. Pregnant women can often ward off morning sickness by eating something sweet. In Tudor times*, to have teeth blackened by decay from overeating sugar was seen as a desirable characteristic open only to the wealthy and aristocratic upper class. Even recently, with the harm sugar can do much more widely known, advertisers have managed to create demand for sweet-tasting cakes with the catch-phrase 'naughty but nice.' Despite the attraction of all things sugary, however, no one is sure what exactly makes a substance sweet.

Choose No More Than Two Words from the passage to complete the sentences.

1. The taste is a more extreme experience than the smell, and this is because of the strong pleasure relationship between _____ and _____.
2. It is universally acknowledged that _____ is the ultimate pleasurable sensation.
3. The famous french writer _____ is widely known for using this idea in his work.
4. The words sugar, honey, sweetie, are used by lovers as terms of _____.
5. In spite of gaining attraction for its sugary taste, no one is sure what exactly makes a _____ sweet.