

اختبار الفصل الثالث

Part One : Reading

A/ Comprehension: (8 points)

Read the text carefully and do the activities below

A renewable energy source means energy that is sustainable - something that cannot run out, or is endless, like the sun. When you hear the term 'alternative energy' it's usually referring to renewable energy sources too. It means sources of energy that are alternative to the most commonly used non-sustainable sources - like coal.

Sunlight is one of our planet's most abundant and freely available energy resources. The amount of solar energy that reaches the earth's surface in one hour is more than the planet's total energy requirements for a whole year. Although it sounds like a perfect renewable energy source, the amount of solar energy we can use varies according to the time of day and the season of the year as well as geographical location. In the UK, solar energy is an increasingly popular way to supplement your energy usage.

Wind is a plentiful source of clean energy. Wind farms are an increasingly familiar sight in the UK with wind power making an ever-increasing contribution to the National Grid. To harness electricity from wind energy, turbines are used to drive generators, which then feed electricity into the National Grid. Although domestic or 'off-grid' generation systems are available, not every property is suitable for a domestic wind turbine.

As a renewable energy resource, hydropower is one of the most commercially developed. By building a dam or barrier, a large reservoir can be used to create a controlled flow of water that will drive a turbine, generating electricity. This energy source can often be more reliable than solar or wind power (especially if it is tidal rather than river) and allows electricity to be stored for use when demand reaches a peak. Like wind energy, in certain situations hydro can be more viable as a commercial energy source (dependent on type and compared to other sources of energy) but depending very much on the type of property, it can be used for domestic, 'off-grid' generation.

1) Say whether the following statements are true or false or not mentioned (0.5 x 3)

- Solar energy is not capable of providing the world with the needed energy.
- Most of houses in the UK are supplied by wind energy.
- Hydropower is a more guaranteed source of energy than the other sources.

2) Identify the type of energy that every line describes, according to the text. (0.5 x 3)

- A type of energy that can be used for domestic generation.
- A type of energy that is available in huge amounts.
- A type of energy that is becoming more and more familiar.

3) Answer the following questions according the text (1x 3 pts)

- What are the factors that control the generation of the solar energy?
- How is the wind power generated?
- Which type of renewable energy is believed to be more commercially beneficial?

4) Find what or who the underlined words in the text refer to (1 pts)

It §1

This energy §4

5) Give the text a title. (1 pts)

B/ Text Exploration

1) Find in the text words closest in meaning to the following words. (1 pt)

Continuant §1

the quantity §2

2) Derive the opposite forms of the following words using the relevant prefixes. (0.25 x 4)

“ im- in- un- ir- il- dis”

Pure ≠

responsible ≠

Effective ≠

logical ≠

3) Rewrite the following sentence so they express the conditional make the necessary changes. (3 pts)

I was the governor → I lunch mega solar energy project in the desert.

The car runs of fuel → it stops.

I have the power → I change the world

We invest on renewable energies now → we not have energy problems at all.

4) Reorder the following sentences to get a coherent passage (1pt)

However, the majority of the developed countries are taking any actions to save the planet.

Thus, many activists lunched movements to stand against this issue.

Non- renewable energies are considered as major contributors to the pollution of the environment.

5) Mark the intonation in the following sentences (1pt)

Is your country investing on renewable energies?

What are the main existing renewable energies?

Part Two: Written Expression: (5 pts)

Choose one of the following topics

Topic One:

Experts predict that Algeria will run out of fossil fuels in the upcoming years

Write a paragraph in 10 lines or more where you suggest detailed solutions for this problem.

Topic Two:

A big problem that Algeria is suffering from nowadays is pollution. Suggest solutions for this major problem.

Good Luck