

Second trimester English language test

Year 2 scientific

Two hours

Part I: Reading

There have been some major steps forward in industry: energy sources. Oil, gas, coal, water and wood are such integral utilities that if we hadn't known their importance, human life would still have been hundreds of years behind schedule. Electricity that we use today comes from renewable and non-renewable energy sources. The current topic is intended to cast light on what renewable and non-renewable sources mean.

Oil, the most commonly used source, is a non-renewable energy source. Nuclear reactors, gas and coal are also non-renewable. They are called so because they can produce no more power after use and will eventually run out. Renewable sources by contrast can be used over and over again and may never run out. Renewable energy sources depend on assets like the sun, wind, water and the heat of the earth. So, non-renewable energy sources are liable to exhaustibility while the renewable are not. Furthermore, renewable energy sources are environmentally friendly, meaning they are harmless to the environment. Generators fitted in bicycles transform the mechanical motion into power enough to light a lamp. We don't need to fit a battery that weighs about a couple a pounds onto a bicycle. We don't even need to regularly charge it. Companies today make wind turbines and solar (photovoltaic) cells to generate electricity.

A- Comprehension

1- The text is about:

a- Industry

b- Electricity and batteries

c- Renewable and non-renewable energy sources

دروسكم
منصة التعليم الإلكتروني

ملف الحصة المباشرة و المسجلة

حصة مباشرة

1

حصة مسجلة

2

دورات مكثفة

3

أحصل على بطاقة الإشتراك





ملف الحصة المباشرة و المسجلة

2- Are these statements true or false? Tick (✓) in true or false.

Statements	true	false
Non-renewable sources can produce no more power after use.	✓	
Renewable sources are liable to exhaustibility.		✓
Electricity can only be produced by one means.		✓
Environmentally friendly <u>assets</u> do not produce <u>CO2</u> .	✓	

3- Answer these questions according to the text:

- a- The sources of energy are of two kinds. What are they?
 b- What assets do renewable sources depend on?
 c- Do bicycles have batteries?

4- What/who do the underlined words in the text refer to? They it

renewable
non-renewable

yes, they do

B- Text exploration

1- Pick out from the text words that are opposite to:

Backward (§1) ≠

forward

before (§2) ≠

after

unlikely to cause damage or harm (§2) ≠

harmless

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2- Complete sentences **b** so that they mean the same as **a**:

a- They can produce no more power after use.

b- No more power can be produced by them after use

a- Organic oils are produced in remarkable diversity by plants.

b- Plants produce organic oils

a- We need both renewable and non-renewable energy sources.

b- Both renewable and non-renewable energy sources are needed by us

3- Classify these words according to their pronunciation: *steps* - *sources* - *utilities* - *reactors*.

/S/	/Z/	/Z/
steps	utilities reactors	sources

4- Fill in the gaps with the following words: *before*, *the*, *by*, *from*.

The oceans of the world are suffering a dangerous decrease in vitality. before 1977, we thought the greatest danger came from chemical pollution. But we began to realize water drops are much bigger than could be explained by chemical pollution alone.



Part II: Writing.

Topic one

Scientists have been recently working hard to address the problem of pollution, and one among the found solutions is to start building eco-friendly homes. Imagine you are a manager of a company that design green houses, write a presentation of about 80-100 words where you present those houses and their impact on the environment. Make the best use of the following notes:

No electricity/solar cells is the invention/solar cells captures heat from the sun and/turn into electricity/etc, rainwater/ homemade reservoirs/ geothermal

Ladies and Gentlemen,
it is a pleasure for the
environmental Protection company to
present you our new Project, the greenhouse
that is designed to protect the environment
or let's say to be environmentally friendly.

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First of all, in these houses electricity is generated by solar panels and wind turbines as well as relying on motion bulbs to conserve electricity when it is unnecessary. Concerning water, home made reservoirs are made to store Rain Water, and using it in different field after purify it.

In the same vein, when it comes to heat, our home generates it by depending on solar electric heater.

finally, as you know dear customers your Role is required to protect the environment and that's we're here to offer the best solution.



Exercise02: Rewrite the sentences below using the correct expression of purpose.

a. I sent her a bunch of flowers ~~because I wanted~~ to make it up with her.

b. He works very hard. ~~He wants~~ to satisfy his parents.

c. I spoke loudly. ~~I wanted her to be able to~~ understand me.

d. She winked at me ~~because she wanted to~~ let me know that she was

joking.

e. He wore a mask. ~~He doesn't want to~~ be recognized.

He wore a mask so as not to be

can/will
could/would

in order that

so that

so as to + stem

to

in order to

could understand

so that

in order that

so as to

so as not to

so as to

Complete the following table :

Verb	Noun	Adjective
To interact	interaction	interactive
to consume	Consumption	Consumed
to require	requirement	Required
To pollute	pollution	polluted
to waste	Waste	wasting
//////	environment	Environmental

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4- Divide the following words into root and affixes.

governance – accountability-international-British-returned-unemployment-mistreatment-undocumented-democratic-careful-happiness-instruction-examination-

Prefix	Root	Suffix

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1-Classify the following words according to the pronunciation of final /ed/:

Prospered – originated – encouraged – developed- managed- accomplished Limited-amazed-
danced-listened-packed-pleased-shouted-wasted-tripped-asked-covered-stopped-placed-
laughed-drained-reiterated-looked-decorated-convinced-advertised-decided-studied-lived-
established-disscussed-founded-created-posted-governed-contributed-looked-forged

/t/	/d/	/id/

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