

2018

11th English Dossier Unit 5 Action Pack

دوسية اللغة الانجليزية الصف الأول الثانوي الوحدة 5

معاني المفردات المهمة المعلمة بالأسود + معاني كلمات الضرورية تحتها خط +
. أسئلة نموذجية وافية للقطع النصية والقواعد والمفردات بما فيها ملحق
التعبير.

SOURCES OF ENERGY P44



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English For All Ages

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Solar adj		Wind farm	مزارع الرياح	Steam	
Plant	يزرع - (-)	Panels		Fuel n	
Generator n		Cell	خلية	Project n	
Find out	يكشف	Renewable		Resources	
Replaced		Run out v	ي	Run v	يدير - يعمل - يركض
Depend on	يعتمد على	Relay on	يعتمد على - يوثق	Energy	
Power	- -	Captured	-	Make	يجعل - يصنع - ينجح
Advantage		Disadvantage		Pros & cons	
Major adj	رئيسي	Turbines	- -	Blades	
Attached		Spin v	يدور	Speed	
Damage	يضر-	Biomass	Plant material + Animal waste	Provide v	يؤمن - يزود
Burn	يحرق - يحترق	كتلة حيوية	مواد نباتية + فضلات الحيوانات	Sunlight	
Nuclear adj		Physicist n	فيزيائي ()	Mention	يذكر
Career	مهنة	Tell	يخبر	Job	وظيفة عمل
Would like	يود	Exactly		Mostly	
Engineer	مهندس	Forms	- يشكل	Produce	ينتج
Equipments	تجهيزات	Intellectual	-	Challenge	
Describe	يوصف	Typical	-	Experiment n	
Report	تقرير	Kinds - types		Used to :	
Convert	يحوّل	Spend	يقضي - يصرف	Enjoy	يستمتع

Electricity: طاقة الكهرباء**heat:**

is burnt:

generate: يولد

situation:

justify: يبرّر

Practical adj		Testing		Safety	أمانية – صلاحية –
Levels	مستويات	Locations		Degree	- - شهادة
Assistance n		PhD		Advice	نصيحة
			Philosophy doctor		
Follow	يتتبع - يتبع	Path	طريق	Recommend	يوصي
Suit	يناسب -	Stressful adj	مثير للتوتر -	Choose	يختار
Currently adv	حاليا	Involve	يتورط - يشارك	Create	ينشئ - يخلق
Necessary		Challenge		Engineer	مهندس
Hands-on	مشاركا باليدين - يدويا	Laboratory		Assistant n	
Helper		Practical		Workshop	
Inventor		Test v	يختبر -	Further	
forget	ينسى	Prepare v	يحضّر	Architect	مهندس معماري
Fix v	يصلح - يثبت	Depend on v	يعتمد على	Foreign adj	
Source n		Oil	زيت -	Percent	
Gas	بنزين -	Import v	يستورد	Neighbours	الجيران
Dependence n	تبعية -	Invest v	يستثمر	Research n	
Project		Identify v	يعرّف	Fulfil v	يحقق
Needs n	احتياجات	Generate v	يولد	Discovery n	
Shale	صخر طيني ()	Notably		Sedimentary	
Rock		Substitute n	البديل -	Crude oil	
Expensive adj	باهظ -	Process n	العملية	Quite	
Waste n	-	Industry n		Exist v	يتواجد

Expert: خبير

Rubbish dumps: مكبات النفايات

Issue: قضية -

Take up: يشغل مشغول

Several		Company		Consider	يعتبر يأخذ بعين الاعتبار
Hold	يمسك	Supply	التزويد -	Plans	
Construct	ينشئ	Nuclear reactor		Double	بضاعف
Capacity n	- قابلية -	Imported		Laboratory	
Consumption	استهلاك	Liquid		Thermal	
(time) Taken		Alternative	بديل	Reactor	
Hope		Investment n		Renewable	
Fossil fuel		Describe	يوصف	Formed	
Decomposition	- التحليل -	Organic compound	مركبات عضوية	Contain	يحتوي
Element		Remain	بقايا	Sediment	
Are buried	-	Deep	عميق	Ground	
Temperature		Pressure		Undergo	يخضع
Finite adj		Non-renewable	غير متجدد	Limited adj	
Decaying		Living matter	مادة حية	Rubbish	- نفايات
Dumps	النفايات	Waste n	- نفايات	Due	
Island	جزيرة	Separate	يفصل	set	- يعدّ
Toxic zone		Grew v2		Are separated	-
Reusable adj		Unusable adj	غير قابلة للاستخدام	Radioactive adj	اشعاعيا
extraction	-	Suggest v	يقترح	Concept	مفهوم
chart		Irrigation n	سقاية -	Conference	
Crises		Propose n	يعرض - يقترح	Solution	
Encourage	يشجع	Preservation		Encyclopedia	

Drill: يحفر

Otherwise: وإلا، من ناحية أخرى

Amount: كمية

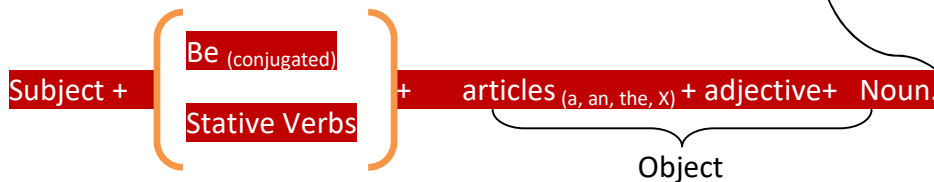
Vacancy:

Enthusiastic:

Adverb₁ + Subject + Auxiliary Verb + adv₂ + Verb (conjugated) + adv₃ + object (noun/ or prep. + Articles + adj. + noun)



Derivations



Verb	Noun	Adjective	Adverb	Noun or adjective related to person
experience	Experience	Experienced _{v3}	-----	-----
-----	Expertise	Expert _{adj}	-----	Expert _n
Experiment_v	Experiment _n	Experimental	Experimentally	-----
-----	Science	Scientific	Scientifically	Scientist _n
Save	Safety	Safe	-----	-----
Stress_v	Stress _n	Stressful	Stressfully	Stressed _{adj}
Excite	Excitement	Exciting	Excitingly	Excited _{adj (v3)}
Interest	Interest	Interesting	Interestingly	Interested _{adj}
Succeed	Success	Successful	Successfully	-----
-----	Importance	Important	Importantly	-----
Depend	Dependence	Dependent	Dependently	-----
Invest	Investment	Invested _{v3}	-----	-----
Finish – Finalise	Finiteness, Finitude	Finite, Final	Finutely, Finally	-----
-----	Enthusiasm	Enthusiastic	-----	-----
Form	Formation - form	Formed _{v3}	-----	-----
Consume	Consumption	Consumed _{v3}	Consumable _{adj}	Consuming _{adj}
Decompose	Decomposition	Decomposed _{v3}	-----	-----
Necessitate	Necessity	Necessary	Necessarily	-----
-----	Consequence	Consequent	Consequently	-----
Sediment_v	Sediment _n	Sedimentary	-----	-----

Rely reliance, reliability reliant, reliable = unreliable reliably reliable_{adj}

Act. Page 33, exercise 8

- 1 Rubbish can be a valuable source of energy.
- 2 Natural gas is an expensive fuel.
- 3 Wind turbines are an alternative source of renewable energy.
- 4 Shale oil is not expensive to obtain, but the process used, called 'fracking' is harmful to nature.
- 5 We should use 'green' (or renewable) energy as often as we can.

**Glossary – meanings-
identifications – definitions**

Abundant <small>adj</small>	Available in large quantities so there is more than enough.
Accountability <small>n</small>	Responsibility for one's own action
Aquatic	Living or growing in water
Biomass	Plant and animal matter used to provide fuel and energy
Blade	Flat, wide part of an object that pushes against air or water
Capacity	Someone or something's ability to do something
Conserve	To protect something and try to prevent it from being damaged
Consume	To use time, energy, goods, food.
Consumption	The amount of something that is used
Countless	
Crude oil	The oil that comes out of oil wells, before it is separated into different products
Decomposition	When something decays or breaks down into smaller parts
diesel	A type of heavy oil used instead of petrol
Diversification	
Dump	To put something somewhere in a careless and untidy way
Finite	Having an end or limit
Forward-thinking	
Fossil fuel	A fuel that is produced by the very gradually decaying of animals and plants over millions of years.
Geothermal	

Hands-on	<u>Doing something yourself, rather than talking about it or telling others to do it</u>
In-depth	
Infrastructure	Basic systems and structures for an entity to work properly
Invest	To use time, effort and money in order to make something to succeed
Kerosene	An oil that is burnt for heat and used in lamps for lighting
Lead _v	Being the first
Necessitate _v	To make it necessary for someone to do something
Notice _n	A formal declaration of a change
Panel	A flat piece of material that forms part of a door, window or roof
Photovoltaics _n	Solar cells that produce electricity from the sun rays
sanitation	The protection of public health by removing and treating waste, dirty water....
Scarcity	A situation in which there is not enough of something
Sedimentary _{adj}	Something (rock) made of the solid substances that settle at the bottom of the sea, rivers, lakes....
Shale	A type of soft rock that oil can be extracted from
Thermal _{adj}	Concerned with or caused by heat
Turbine	A modern windmill for providing electricity
Uncontaminated _{adj}	Not polluted; clean
Realize _v	Reality _n realization _n real _{adj} really _{adv} realizable _{adj}
Remain _v	Remain _n remained _{adj}

Our project today is to find out about renewable energy resources. That means resources which are continually replaced and will not run out any time soon.

The sun is a renewable source of energy. A lot of living things depend on its energy for heat and light. This energy can also be captured and used to power things. For example, if you have a **solar** calculator, it contains a solar **cell**, which uses sunlight to power the calculator. Solar **panels** that are used on houses have thousands of solar cells, and they make electricity from the sun's heat. The major advantage of solar energy is that, after the solar panels have been installed, electricity is not expensive to generate.

In windy places, wind energy can be used to make electricity, using wind **turbines**. These turbines are found in 'wind farms'. They have blades that are attached to a **generator** at the centre. The wind spins the blades and the generator runs. This makes **electricity**. However, wind turbines can't work if there is no wind, and sometimes the wind speed is so high it damages them.

Biomass is **plant** material and animal waste that is used as **fuel**. For example, wood is a biomass fuel as long as we continue to plant new trees to replace those we cut down. Biomass can be used to provide heat and also to make electricity. The biomass is burnt to heat water and make **steam**. The steam is then used to make electricity.

QQQQQQQQQQQQQQQQQQQQQQQQQQQQQQQQQQQQQQQQQQQQQQQQQQQQQQQQQQQQQQQQQQQQQQQQQQQQQQQQQQQQ

- 1) What do the underlined words refer to?
- 2) Which is the only form of renewable energy that is a fuel?
- 3) What disadvantages do the three energy sources have? Make a suitable table.
- 4) In what other situations would biomass fuel not be renewable? Explain your answer.
- 5) Which of the energy sources do you think is the best for producing electricity? Justify?
- 6) Wind turbines are expensive to build and maintain although the electricity they generate does not cost much at all. Is wind power a good source of renewable energy?
- 7) Are there any other energy resources you can think about? In your opinion, do you prefer renewable or nonrenewable energy? Explain your answers with examples.
- 8) Which energy resources whether it is renewable or nonrenewable that makes climate changes worst? Explain more with examples?
- 9) Quote the phrase that expresses the function of Biomass.
- 10) Find words from the text above that mean the following:

- a) Plant and animal material that is used for energy b) any substance burned to create energy (begins with f)
- c) machine that converts mechanical energy into electrical energy d) water vapour

A. Chooses the suitable item from those given in the box to complete each of the following sentences. There are more words than you need. Write the answer down in your ANSWER BOOKLIT.

Light/ renewable/ energy/ solar/ cell/ panel/ heat/ generate/ turbines/ farms/ generator/ spins/ electricity/ damages/ biomass/ fuel/ steam/ dumps/ taken up/ toxic zone/ convert/ experts/ separated/ unusable/ lead/ produce/ experiments/ research/ hands-on/ radioactive/ **challenge/ engineer/ hands-on/ laboratory/ assistant/ helper/ practical/ workshop/ inventor/ test/ *economy/ realise/ diversification/ foreign energy/* invested/ **alternative/** imported/ generate/ shale/ sedimentary/ substitute / **extraction/** process/ **waste product/ thermal power/ reactors/ needs/** Crude oil/ fossil/ decomposition/ Carbon/ sediment/ formed / taken/ **finite/ intellectual****

- 1) _____ energy resources, means resources which are continually replaced and will not run out any time soon.
- 2) A lot of living things depend on the sun energy for heat and _____.
- 3) The sun _____ can also be captured and used to power things.
- 4) If you have a _____ calculator, it contains a solar _____, which uses sunlight to power the calculator.
- 5) Solar _____ that are used on houses have thousands of solar cells, and they make electricity from the sun's _____.
- 6) The major advantage of solar energy is that electricity is not expensive to _____.
- 7) Wind energy can be used to make electricity, using wind _____.
- 8) Wind **turbines** are found in **wind** _____, they consist of blades attached to a _____ at the centre.
- 9) The wind _____ the blades and the generator runs. This makes _____.
- 10) And sometimes the wind speed is so high it _____ them.
- 11) _____ is **plant** material and animal waste that is used as _____.
- 12) When **biomass** is burnt, the heated water produces _____, which is used to make electricity. *Biomass is natural material which is grown or produced to be used as a fuel.*
- 13) In New Jersey, USA, there has been a problem with growing rubbish _____ for almost a century. The issue became so great on one island in the area that there was more space _____ by waste than living space. The island was finally called a ' _____', and people were told to leave the island. For a while, the dump grew and grew, until a group of

scientists visited the island because they had decided to _____ this waste into fuel. After this, _____ in the field have worked hard to create a cleaner, 'greener' New Jersey, and these days, rubbish dumps are carefully _____ into reusable and _____ waste. The forward-thinking state set a good example, and now not only the rest of the USA, but also some other countries such as Russia and China are following New Jersey's _____."

14) Nuclear physicist, mostly work with nuclear engineers to _____ new forms of equipment.

15) Sometimes, nuclear physicist has to work at night to complete his _____, and at other times, I have to write a report very quickly.

16) A Nuclear physicist does a lot more _____. I also do practical, _____ work like testing the safety of the _____ levels in different locations...

17) I like to _____ myself, so I try to run further every day. I _____ myself on my vocabulary often, so that I don't forget it.

18) The boss' _____ prepared all the papers for the meeting. There were many _____s at the festival, and they were all working voluntarily.

19) The _____ of the telephone is Alexander Graham Bell. The type of _____ that designs houses is called an architect.

20) I prefer _____ work because I am a _____ person.

21) A scientist uses his _____ to do experiments. My father fixes things in his _____.

22) **"Energy is at the heart of the _____. We were amongst the first countries in the region to _____ the importance of gradual _____ of energy sources to protect our country." His Majesty King Abdullah II of Jordan (1962 CE--)**

"إنَّ عصب العمليَّة الاقتصادية هو الطاقة، وقد كُنَّا من أوائل دول المنطقة التي تنبَّهت إلى أهميَّة تطبيق برامج وسياسات تضمن تنوعاً متدرِّجاً لمصادرِها من شأنه تحصين بلدنا."

23) Jordan depends a lot on _____ sources.

24) Because of this dependence on other countries, Jordan has _____ in research projects to identify _____ **sources** of energy.

25) At the moment, _____ natural gas is used to fulfil the country's energy needs and to _____ **electricity**.

26) Oil _____ rock has also been found in Jordan, most notably in the west-central area. This can be produced from this type of _____ rock. It is a _____ for crude oil, but the _____ **process** for shale oil is more expensive. The _____ is also quite dangerous and produces a lot of _____.

27) Several companies are considering using shale oil to **generate** _____.

28) Nuclear power holds hope for Jordan's future energy supply. Plans are in place to construct two **nuclear** _____,

29) Jordan plans to get 60 per cent of its **energy** _____ from nuclear energy by 2035 CE.

30) _____ is currently the most important source of energy in the world.

31) Crude oil is a _____ fuel which is formed over many years by the _____ of organic compounds or anything that contains the element _____.

32) When _____ and other **organic** materials are **buried** deep under the ground under high temperature and pressure, **crude oil** is _____.

33) Due to the time _____ to form new supplies of crude oil, it is considered to be a _____, non-renewable source of energy.

34) Although the task was difficult, I enjoyed the _____ challenge.

35) Which of the words in the box below refer to the following energy sources a-c?

Imported/ expensive/ dependence/ liquid/ thermal
Substitute/ reactors/ hope/ investments

a) →
b) →
c) →

a natural gas b shale oil c nuclear power

35) Match the words below with their synonyms or with words that have a close meaning.

- 1. challenge
- 2. engineer
- 3. hands-on
- 4. laboratory
- 5. assistant

- a) helper
- b) practical
- c) workshop
- d) inventor
- f) test

1→ 3→ 5→
2→ 4→

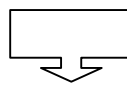
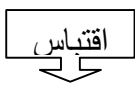
36) Match the words 1-4 with their definitions a-d.

- 1 decomposition
- 2 organic
- 3 sediment
- 4 finite

- a matter that settles to the bottom of a liquid
- b the process of decaying
- c limited in size or supply
- d something that came from living matter

1 →
2 →
3 →
4 →

REPORTED SPEECH



Transformation:

"direct speech" (quoting)



reported speech

Tense in direct speech	Tense in reported speech
Present simple <i>I'm a teacher</i>	Past simple <i>He said he was a teacher</i>
Present continuous <i>I'm having lunch with family</i>	Past continuous <i>She said she was having lunch with family.</i>
Present perfect simple <i>I've been to France three times.</i>	Past perfect simple <i>He said he had been to France three times.</i>
Present perfect continuous <i>I've been working very hard.</i>	Past perfect continuous <i>He said he had been working very hard.</i>
Past simple <i>I bought a new car.</i>	Past perfect <i>He told me, he had bought a new car.</i>
Past continuous <i>It was raining earlier.</i>	Past perfect continuous <i>She said it had been raining earlier.</i>
Past perfect <i>The play had started as I arrived.</i>	[no change] Past perfect <i>The same</i>
Past perfect continuous <i>I'd been doing this for 3 years.</i>	[no change] Past perfect continuous <i>The same</i>
Future Simple <i>The boy will try to make it right.</i>	hypothetical Future <i>He promised that the boy would try to</i>
Present Modals Shall, can, may, must	Modals in the past Would, could, might, had to/must,
Past Modals	[no change] Past Modals
Tomorrow, now, ago, yesterday, this, here,	the next/following day, then, before, the day before, that, there

Adverb in DS	Adverbs in RS
Now →	Then
Yesterday →	The day before
Tomorrow →	The next/following day
Two weeks ago →	Two weeks before
Here →	There
This	That
These	Those
Must (obligation)	Had to
Must (speculation)	Must
"You <u>must</u> do it by Friday"	
She said we <u>had to</u> do it by	
"it <u>must</u> be exhausted to work"	
He said it <u>must</u> be exhausted....	
Before	before
Today	Today/ that day

Choose the correct answer.

- The teacher said that it _____ necessary to find different ways to produce energy.
a) is b) was c) has been
- Dr. Green also said that scientist _____ to convert the waste into fuel.
a) decided b) had decided c) were deciding
- The government promised that they _____ to use more renewable energy sources.
a) will try b) would try c) have tried
- The article said that some energy sources _____ used for long time.
a) are used b) had been used c) are being used

B. Complete each of the following item so that the new item has a similar meaning to the one before it, and write it down in your ANSWER BOOKLIT.

- "I have been working very hard in the office."
Marwan told Huda that _____.
- ↳ "you should go to bed early on school nights"
Ahmad told his brother _____.
- ↳ "I was sleeping when you called me."
Rania said to her brother _____.
- "I am sleeping, so don't bother to call me"
Sami told Laila that _____.
- "I was sleeping when you called me."
Raneem said to her sister _____.
- ↳ "I had been sleeping before my brother had called me."
Samia told her father _____.
- "leave at once"
They ordered us to leave at once.
- ↳ **8.** "I'm not very happy at school."
I told her _____.
- " we are going home"
They told us _____.
- ↳ **10.** "Sami will be late"
You said that _____.

11. Fareed told Fatima "you have to be here at 8 o'clock."

_____.

12. "I hope you will join us at dinner **tonight**"

_____.

13. "I finish the work for your father two weeks ago." The boy protested.

The boy protested that _____.

14. "I do not want to discuss it with my father at this time."

She said _____.

15. "I haven't discussed it with you before yet"

He told me _____.

16. "I haven't been to Europe with you"

He added to him that _____.

17. "I was gone with my girl two months ago"

He told him _____.

18. "I am asked to deliver my bag today"

He confessed that _____.

Rewrite the following sentences using reported speech.

1. "Jordan imports 96% of the country's energy from the neighbouring Arab countries."

2. "Extracting shale oil is not very expensive."

3. "Thermal power strategy is being discussed."

4. "Nuclear plants can provide some of the country's power needs."

5. "Jordan decided to construct two nuclear reactors."

Make compound nouns from these words:

Door, light, work, bell, news, sun, shop, paper

A. Correct the verbs between brackets then write your answer down in your ANSWER BOOKLIT.

- 1- The issue became huge in the island that there ____ (be) more space _____ (take up) by waste.
- 2- There _____ (be) a problem with growing rubbish dumps for almost a century.
- 3- Two years ago, people _____ (tell) to _____ (leave) the island.
- 4- When the dump began to _____ (grow), scientists _____ (decide) to convert the waste into fuel.
- 5- These days rubbish _____ (carefully separate) into reusable and unusable.
- 6- Crude oil _____ (be currently) the most important source of energy.
- 7- Crude oil _____ (be) a fossil fuel which _____ (form) over many years.
- 8- When organic compounds _____ (bury) deep under the ground under high temperature and pressure, crude oil _____ (form).
- 9- Crude oil _____ (undergo) many processes before it ____ (be) ready to be ____ (use).
- 10- Due to the time _____ (take) to form new supplies of crude oil, it is considered to be finite.

C. Complete the following sentences with the suitable words derived from the words in the box and write the answer down in your ANSWER BOOKLIT.

Assistant, Finalise, Generator, Dependent, Renew, Encouragement, Powerful, Suggestion. Nature, remain, Responsible, equip, consequent, necessitate, consume, reality, reliance

- 1) Children should be _____ on the advice of their parents.
- 2) The research presents so many _____ solutions to deal with poverty.
- 3) Crude oil is the most _____ energy on earth. consumable-is wrong
- 4) It is _____ to find different ways to produce energy.
- 5) People are cutting down trees from the forest _____ there aren't many left.
- 6) City firemen are complaining that their _____ is getting old, and needs to be replaced immediately.
- 7) We have a _____ to take care of the planet and preserve its beauty, resources and strength for future generations.
- 8) We have to save the _____ rainforest; otherwise, it will lose more than half of its _____ resources.
- 9) Few times ago, queen Rania _____ that all the people in _____ in the Middle East should _____ their country to start using _____ energy sources.
- 10) Because of this _____ on other countries, Jordan has invested in many researches.
- 11) Several companies are considering using crude oil to _____ thermal energy.
- 12) Crude oil is considered to be a _____ source of energy.
- 13) The employee _____ the boss to prepare all the papers required for the meeting.

Study the following sentence and answer the question that follows.

A) "Our equipment is getting old"

Transfer the direct speech of workers based on the following:

The workers are complaining that their equipment is getting old

The workers were complaining that their equipment was getting old.

B) "Shale oil is the most important source of energy in the current world."

Replace the incorrect underlined word related to energy sources with a correct one.

C) "A scientist uses his workshop to do experiments."

Replace the underlined word with its synonym.

J) "Solar is natural material which is grown or produced to be used as fuel"

Replace the wrong word with more suitable one.

D) "The engineer of the telephone is Alexander Graham Bell"

Replace the underlined word with its synonym.

E) "Some works require direct practical work"

Replace the underlined word with its synonym.

K) "When biomass is burnt, the heated water produces generators, which is used to make electricity."

Replace the wrong word with more suitable one.

L) " She's very much a hands-on manager/scientist"

" Many employers consider hands-on experience to be as useful as academic qualifications"

What kind of part of speech are the underlined words.

Explain the difference in meaning for both words?

E) "There isn't really ever a typical day"

Explain the meaning of the underlined word, and then replace it with appropriate synonym. Expected Standard ordinary

G) "I work on a PhD and taught university students"

Explain the meaning of the underlined word.

When someone becomes closely involved in managing and organizing things and in making decisions.

Someone has direct experience.

H) "Water can be heated up by heat panels, which contain thousands of small solar turbines"

Replace the incorrect underlined words related to energy sources with correct ones.

I) "wind biomass can be used to convert wind energy to electricity."

Indicate to the wrong word that relates to energy source and correct it

A. EDITING.

Imagine you are an editor in the Jordan Times. You are asked to edit the following lines that have four mistakes (three grammar mistake, three punctuation mistake and three spelling mistakes). Find out these four mistakes and correct them. Write the correct answers down in your ANSWER BOOKLIT.

- تدرب
- بحيث
- تجد
- الأخطاء
- جميعها
- بنفس
- الوقت
- وبأقل من
- 10 دقائق

Recently companies from Europ, the United States and Australia has drilled for large amaunts of oil and natural gas. People has also cleared large areas for logging. Palm trees can make oil that can be sold for a lot mony. We have to save forests otherwise it will lose more.

B. Guided writing (4 points)

Read the information below, and then in your ANSWER BOOKLIT, write two sentences using the given notes below about Use the appropriate linking words.

Free energy

- Good ideas for the event
- Many resources of energy
- It will be great opportunity

Take actions

The crude oil is going to vanish in the near future.
We should consider other renewable sources.

Disadvantages of energy sources

- Crude oil is a finite nonrenewable ...
- Solar energy is not.

In addition, as well, so, consequently

Solar energy.

Therefore, like, while, however, on the other hand

C. FREE WRITING. (7 points)

In your ANSWER BOOKLIT, write a composition of about 120 words on one of the following:

Activity book p33 Exercise 10 3

1) Write with your own words about what people can do to protect and save the rainforest.

Rainforests and woods are the home of nature; mankind became interested in energy and sources without taking the importance of keeping the nature under his consideration and this is a huge shame in human life. So we strongly must protect and save our natural fate from any harm.

Organisations should raise awareness through campaigns to show people that the natural resources found in this rainforest are worth a lot more than the money they make by drilling and growing oil palms. People living in the area should also learn how to take care of the environment around them without exhausting its resources. There should also be international laws preventing businesspeople from investing in this rainforest. We have to save the remaining rainforest; otherwise, it will lose more than half of its natural resources.

Therefore, spreading awareness among people about preserving the nature is the main key to a very noble goal.

151 words

2) Write a four-paragraph essay about **one renewable energy source**. Using the information you have learnt. Write about **the advantages and disadvantages of the energy source**. Include some opinions in your essay using reported speech.

Student book page 45 Exercise 8

Name of the energy source

Wind power is one of the cleanest and 'greenest' types of renewable energy. Wind is converted into energy by wind turbines, which rotate when the wind blows and generate electricity from the kinetic power of the wind.

Advantages

Of course, the most important advantage is that wind power is renewable. It is also the form of energy that produces the least pollution when the source is being converted into energy. The more we use wind power, the more we can reduce our dependence on fossil fuels. The initial cost of wind turbines has reduced steadily since wind power was introduced, and once they have been installed, energy is very cheap and reliable. Wind power is also very beneficial to the economy, since it creates jobs for local people in installation and maintenance of the turbines.

Disadvantages

Despite the numerous advantages, there are some disadvantages that need to be considered. First of all, wind turbines are quite noisy, so cannot be put near residential areas. Secondly, the turbines may disturb the habitats of wild animals because they need to be dug very deep into the earth. The third and final disadvantage is that wind power is unpredictable, except in certain regions, and therefore turbines are better installed in these regions.

Personal opinion

In my opinion, wind power is the best energy source for a large number of regions, especially in countries that have a lot of wind. If the initial costs can be paid, it is a cheap resource, which produces no pollution. If the area has little or unreliable wind, however, wind power will not produce enough energy.

275 words

Write an essay of 120 words describing **changes** that you can implement in your daily life to **conserve** energy.

Past papers (previous cycle)

Crude oil is currently the most important source of energy in the world. Write a short report to explain this statement in three paragraphs divided as follows:

Paragraph 1: topic sentence

Paragraph 2: supporting paragraph

Paragraph 3: concluding sentence

Student book page 49 Exercise 9

Activity book P32 E7

How can you help to raise **awareness** about the importance of **switching to the renewable energy**?