النجاح
2025-2024

English

SEMESTER TWO

10

الصف العاشر

لماذا ؟

مذكرات النجاح

2025-2024

اختبارات الكترونية
لـــــكـــــل درس

1. شاملة ومختصرة
2. ملونة ومرتبة
3. اختبارات قصيرة
4. اختبارات نهائية
5. مرتبة حسب الدروس
6. محلولة

النجاح

2025-2024

مذكرات النجاح
طريقك للنجاح

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تحتوي المذكرة أيضا تدريبات اختبارات قصيرة على الوحدات

مفردات - استيعاب - قواعد - تعبير

نماذج اختبار نهائية في نهاية المذكرة

Unit 7
Power -The Alternatives

Vocabulary

Words	meaning	Word in context
Crude oil	النفط الخام	An oil refinery serves to make gasoline from **crude oil.**
Entirely	كلياً	A number of illnesses are **entirely** avoidable.
Finite	محدود/غير دائم	The earth's **finite** supply of natural resources.
fossil fuel	الوقود الحفري	Oil is a **fossil fuel** with a limited life-span and high oil prices are an irreversible and long-term trend.
fractional distillation	التقطير الجزئي	**Fractional distillation** is a process by which components in a chemical mixture are separated into different parts
Polymer	بولمير (مركب كيميائى)	The scientist will combine molecules to create a synthetic **polymer.**
refining	تكرير/ تصفية	The company has been refining sugar at this plant for years
Actually	في الواقع- حقاً	**Actually**, I don't like him.

Appliance	جهاز- أداة	➤ We need some **appliances** for our new flat.
Breakdown	عطل- توقف	➤ The **breakdown** of the company's financials showed a significant loss in revenue.
Generate	يولد (الكهرباء)	➤ This machine **generates** electricity from solar panels.
Last	يدوم-يستمر	➤ Good relation **lasts** forever.
Motoring	قيادة السيارة	➤ We spent the afternoon **motoring** around the lake in our little boat.
Strong	قوي	➤ Sports make your body **strong.**
Asthma	الربو(ضيق في التنفس)	➤ **Asthma** is a respiratory disease.
Congestion	ازدحام (مروري)	➤ There is a **congestion** at mid-day.
Consult	يستشير	➤ I feel sick, I should **consult** a doctor.
Diminish	ينقص- يصغر	➤ The efficacy of chemical pesticides tends to **diminish** over time.
end up with	ينتهي بـ	➤ It seems that we've **ended up with** the most boring tour guide on the planet. He's seriously putting me to sleep.
Government	حكومة	➤ The **government** can declare war.
Hazardous	خطير/ محفوف بالمخاطر	➤ The chemicals used in the manufacturing process are **hazardous** to the environment.
Irreversible	لا يمكن إلغاؤه أو تغييره	➤ Some acts are **irreversible** like having a child because you can't return the baby.
Motorist	سائق	➤ The reckless **motorist** zoomed through traffic.

Procure	يحصل- يكسب- ينجز	He **procured** a loan from the bank after submitting his application and documents.
Recently	حديثاً-مؤخراً	The café was **recently** opened and hasn't picked up much business yet.
self-employed	يعمل لحسابه	As a **self-employed** artist, I enjoy the flexibility of working from home.
Smog	ضباب دخاني	The **smog** from the factory was so thick that it could be seen from miles away.
Squander	يبدد-يسرف- يبذر	She **squandered** her talent by not practicing enough.
Waste	تبذير-إتلاف	Please don't **waste** the drinks by opening them and never drinking them.

A: Choose the most suitable word that best completes each of the following sentences:

1 **It is very expensive to carry out the ..... process to make use of oil.**

- crude oil
- fossil fuel
- refining
- polymer

2 **Unfortunately, our supplies of food and water are ..... We need more help.**

- strong
- hazardous
- finite
- invisible

3 **Wind farms are able to ..... enough electricity for more than 2000 houses.**

- generate
- motor
- last
- refine

4 **We must get ready my friends. Our trip to Dubai will ..... for about five days.**

- generate
- refine
- last
- resolve

5 **Our trip was a disaster. We had more than a ..... before reaching our destination.**

- appliance
- polymer
- break down
- distillation

6 **Many people believe that ..... will be replaced by solar energy.**

- refining
- fractional distillation
- **fossil fuel**
- polymer

7 **The ..... of oil usually takes place in huge plants.**

- polymer
- crude oil
- fossil fuel
- **refining**

8 **The ..... should find better solutions to the problem of unemployment.**

- waste
- motorist
- smog
- **government**

9 **The new employment policy will ..... the number of jobless people.**

- squander
- **diminish**
- consult
- procure

10 **..... is a respiratory disease that attacks the lungs.**

- **asthma**
- congestion
- waste
- motorist

11 **Many people ..... their money on useless things.**

- end up with
- consult
- **squander**
- diminish

12 **The ..... that forms in the air is a mixture of car fumes and fog.**

- asthma
- **smog**
- government
- congestion

اختبار الكتروني تدرب و تعلم

B: Fill in the spaces with the most suitable words from the list below:

(entirely / finite / refining / fossil fuels / polymer / crude oil)

1. The dry branches were burnt **entirely** by fire.
2. **Polymer** is the basic material that is used for making plastic objects.
3. Huge machines extract **crude oil** from the ground and pump it in long pipes.
4. Because oil is a **finite** resource, we must find other sources of energy.
5. The use of oil and other **fossil fuels** will certainly increase air pollution.

Set book

1 Suggest some practical ways to save energy. اقترح بعض الوسائل العملية للحفاظ على الطاقة

- sharing cars — مشاركة السيارة
- closing doors when A/C is on — غلق الأبواب عند تشغيل اجهزة التكييف

2 What are the advantages of using renewable sources of power?
ماهى المميزات فى استخدام المصادر المتجددة للوقود؟

- They cause less pollution. — تحد من تلوث البيئة
- They are infinite. — انها مصادر دائمة

3 Without oil life would be different. Explain. بدون النفط لأصبحت الحياة مختلفة- وضح ذلك

- Life would be slower. — لأصبحت الحياة اكثر بطأً
- Air would be cleaner — لأصبح الهواء أكثر نظافة

4 What would happen if the world's industry reduced its energy use?

ماذا يحدث إذا خفضت المصانع العالمية من استخدام الوقود؟

- It helps save oil. — توفير الوقود
- It can reduce pollution. — الحد من التلوث

5 The non-renewable (finite) sources of energy: — مصادر الطاقة الغير متجددة

- They could finish. — ممكن أن تنتهي
- They provide enough energy temporarily. — توفر طاقة كافية بشكل مؤقت
- To be able to get them, pollution and environment destruction could be caused. — سهولة الحصول عليها ،تسبب التلوث ودمار البيئة.

Ex

- oil, natural gas. Fossil fuel. — : البترول، الغاز الطبيعي،الوقود الحفري

6 The disadvantages of wind power: — مساوئ طاقة الرياح

- They spoil the countryside — تفسد مناطق الريف

7 How to save energy at home: — كيفية توفير الطاقة في المنزل

- We must switch off the lights when we leave the room. — يجب إطفاء المصابيح عند ترك الغرفة
- We must switch and unplug all appliances when we are not using them. — يجب إطفاء الأجهزة وفصلها عن الكهرباء عند عدم الاستعمال
- We must not leave our phones and laptops overcharge — لا يجب ترك الهواتف واجهزة اللاب توب في مصادر الكهرباء بعد اكتمال الشحن

اختبار الكتروني تدرب و تعلم

Grammer

If sentences: conditional

الجملةالشرطية باستخدام If

الجملة الشرطية تعتبر جملة مركبة مكونة من جزئين الجزء الأول مع الشرط مع If والجزء الثاني هو جملة جواب الشرط

A Zero conditional الحالة الصفرية

يستخدم للحديث عن الحقائق والعادات

if	+	Present simple	+	Present simple
if	+	مضارع بسيط	+	مضارع بسيط

Ex

- If you heat water to 100 degrees, it boils.

B Second conditional الحالة الثانية

نستخدم هذا النوع من الجمل الشرطية عند التحدث عن شيء مشروط حدوثه بشيء آخر قبله ولكن من الخيال وغير حقيقي.

if	+	Past simple	+	would	+	V(inf)
if	+	ماضى بسيط	+	would	+	المصدر

Ex

- If I were the owner of this company, I would raise salaries.

C First conditional الحالة الأولى

نستخدم هذا النوع من الجمل الشرطية عند التحدث عن شيء سوف يحصل في المستقبل شرط تحقق شيء اخر قبله.

if	+	Present simple	+	will	+	V(inf)
if	+	مضارع بسيط	+	will	+	المصدر

Ex

- If I need help, I'll call you.

From a, b, c and d choose the correct answers:

1 If I exceed the speed limits, I ..... pay a large fine.

- would
- would have to
- had to
- will have to

2 If she sets her mind to a goal, she ..... it.

- would achieve
- will achieve
- will have achieved
- achieve

3 If we ..... the car, we wouldn't have arrived to the airport on time.

- don't fuel
- haven't fueled
- won't fuel
- hadn't fueled

4 Ali would come to the party if he .....

- am
- could
- will
- would

5 If you pass the test, I ..... buy you a present.

- am
- could
- will
- would

6 If he ..... my advice, I will punish him.

- don't follow
- didn't follow
- doesn't follow
- follow

7 If scientists made more efforts, they ..... a cure to cancer.

- will find
- will have found
- would find
- found

8 You will certainly become rich if you ..... hard.

- had worked
- work
- worked
- were working

9 If he's angry, his face always ..... pale.

- become
- becomes
- became
- has become

10 Water ..... if the temperature falls below zero.

- froze
- freeze
- will freeze
- freezes

11 I drink water if I ..... thirsty.

- feels
- feel
- felt
- have felt

12 If you put your money in a savings account, you ..... ten per cent interest.

got | get | is getting | gets

13 The radio ..... if the batteries are flat.

does not work | did not work | do not work | not work

14 If he buys that expensive car, it ..... him much.

costs | cost | will cost | would cost

15 If the weather ..... warm, we will go to the sea.

is | was | are | were

16 Unless you pay the money, you ..... to jail.

would go | went | will go | go

17 His teeth will become bad if he ..... much sweet.

had eaten | eats | will eat | eat

18 He won't catch the train if he ..... early.

does not leave | do not leave | did not leave | had not left

Reading Comprehension

Read the following passage then answer the questions below:

Heba had worked in nursing for many years. She was in charge of four other nurses and she was respected by each member of staff at the hospital. It was difficult and sometimes very stressful work. She was responsible for the health of a lot of people. However, she always felt happy when people recovered and finally went home again. She always found this very rewarding.

She worked such long hours that it was sometimes difficult to be sociable after work. She usually went home and watched a film on television with her family. She found this a good way to unwind. It was a Tuesday morning. Heba had started work very early that day and she was doing her regular check of the patients. She gave them their medicine and made sure that

they were comfortable. Then she went to check a new patient. He was in a private room, separate from the other patients. He was a man who had been sent to the hospital the night before after a bad traffic accident.

Heba looked at the man, who was unconscious when he first arrived. Heba had seen him before. He was a famous actor who everybody in her family knew and liked. The doctor said that he had suffered a bad head injury from the crash. He was so ill that he would have to stay in hospital for many weeks. But something was very strange. Heba had seen him in a film the week before. In the film, he had to go to hospital after an accident, and he had later died. Heba didn't want that to happen in her hospital!

Choose the correct answer from a, b, c & d:

اختبار الكتروني تدرب و تعلم

1 Why was the man who came to hospital unconscious?

- He had fallen asleep.
- He was not alive.
- He had had a bad accident.
- The nurse did not know.

2 Why do you think that he was in a private room?

- He was very poor.
- He had a dangerous disease.
- He didn't like other people.
- He was famous.

3 What was unusual about the actor coming to hospital?

- The same thing had happened to him in a film.
- He had never been there before.
- He was never ill.
- He usually had private doctors.

4 Where does this text come from?

- a science magazine
- a newspaper article
- a poem
- a story

5 What does the underlined word "that" refer to?

- the actor dying
- Heba's job as a nurse
- what the doctor told her
- other strange things

6 What do you think the word "unwind" means?

- go to sleep
- sit down
- relax
- make money

Translate the following into good English:

- التقطير الجزئي هى العملية التي يتم فيها فصل النفط إلى عدة أنواع.

Fractional distillation is the process in which Oil is separated into a lot of kinds.

- هذا صحيح .ويمكن استخدامها فى عدة أغراض.

That's right. It can also be used for different purposes.

Writing

"Scientists are looking for alternative sources of energy".

Plan and write an essay of 4 paragraphs (12 sentences – 140 words)

persuading people around you to use alternative sources of energy and to save energy used everywhere.

Outline

Introduction:

.....

Body:

Paragraph (1)

.....

Paragraph (2)

.....

Conclusion:

Topic

The main reason why we are searching for an alternate source of energy is because fossil fuels are non-renewable sources of energy which means they are not available in abundant quantities and cannot be replenished. Fossil fuels will continue to get exhausted if their consumption is not controlled. Therefore, it is far better to switch to alternate sources of energy in order to apply the concept of sustainable development.

Geothermal energy is the energy which is obtained from the earth. This energy can be obtained from the hot spots that are formed when the molten rocks present at the core of the earth are pushed towards the earth's crust. Hot springs are commonly used for the production of electricity in the geothermal power plants.

Following are the example sources of energy that are renewable:
Wind: Wind energy is obtained from the air which is blowing at a very high speed. This energy is trapped using windmills in order to generate electricity. Blowing of air is dependent on the uneven heating of the earth. Since the heating of the earth is never ending, wind availability will also be forever.

Sun: The energy obtained from the sun is called solar energy. It is produced by the fusion of hydrogen into helium atoms, fusion of helium into other heavy metals and it continues further. A considerable amount of hydrogen and helium is available on the sun which will never be exhausted. Hence, solar energy is also a renewable source of energy.

Fossil fuels are obtained from the earth's crust after several years as they are the remains of the dead plants and animals. They are similar to coal and petroleum and are readily available for use. These are non-renewable sources of energy i.e. cannot be replenished. Whereas solar energy or sun energy is abundant in nature and can be replenished.

لطلب

المذكرة الكاملة

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