



# المفردات الجديدة Vocabulary



O to the second of the second					
الكلمة	حندماا				
fractional distill	التقطير الجزئي				
global warming	]	الاحتباس الحراري			
crude oil	N.	نفط خام			
fossil fuel	N.	وقود حفري			
government	N.	الحكومة			
megawatt	N.	ميجا وات			
motoring	N.	قيادة السيارات			
motorist	N.	قائد السيارة			
refining	N.	التصفية/ التكرير			
oilfield	N.	حقل بترول			
reserves	N.	احتياطيات			
smog	N.	ضباب دخاني			
polymer	N.	بوليمر			
wave farms	N.	مزرعة امواج			
appliance	N.	جهاز منزلي			
asthma	N.	مرض الربو			
breakdown	N.	انهيار / تَعَطُّل			
congestion	N.	الازدِحام			
diminish	<i>V</i> .	يُقلل ××			
end up with	<i>V</i> .	ينتهي به المطاف			
generate	<i>V</i> .	يُوَلِّد			

### مثال توضیحی

- Nitrogen can be produced by fractional distillation of air.
- **Global warming** is now called climate change.
- Use Crude oil prices raised nearly 60% in 2007.
- # The fossil fuels are finite resources.
- The government made more services available online.
- These reactors are in the 1300 megawatt range.
- This kind of cars is perfect for motoring.
- # There are speed limits and signs warning motorists.
- Use Oil refining is not just about gasoline.
- The Miller oilfield was discovered in 1983.
- Kuwait has huge oil reserves and revenue.
- Smog is a kind of air pollution.
- Ships have polymer coated hulls to reduce friction.
- Wave farms can easily produce renewable energy.
- LG smart appliances are designed for modern living.
- Usan has high blood pressure and asthma.
- # These horses seem to suffer mental breakdowns.
- **Iraffic congestion** is the cause of service delays.
- We should try to diminish the cost of production.
- Weak students can end up with a negative score.
- The new project would generate new jobs.

G10-UNIT 7 (POW	ISK TITE.	ALILIMATIVES )
consult	<i>V</i> .	يستَشير
last	<i>V</i> .	يستمر
resolve	<i>V</i> .	يُحَلل / يَفْصِل
spoil	<i>V</i> .	يَفسد/يَتْلف
squander	<i>V</i> .	يُبدِد/يَفْقِد
waste	<i>V</i> .	يُبَذِّر / يُضِيِّع
menaced by	<i>V</i> .	مُهَدد بـ
run o <mark>ut</mark>	<i>V</i> .	يَنْفَذ / ينتهي
destruct	<i>V</i> .	يُدَمِّر
procure	<i>V</i> .	يَتَحَصَّل على
renewable	Adj.	مُتجدد
non renewable	Adj.	غير متجدد
strong	Adj.	قوي
hazardous	Adj.	خطر
invisible	Adj.	غير مرئي
irreversible	Adj.	لا رجعة فيه
finite	Adj.	غير متجدد/محدود
self-employed	Adj.	مهنة حرة
actually	Adv.	في الحقيقة
entirely	Adv.	تماما / كليا
recently	Adv.	مؤخرا/حديثا
		The second secon

- I wish you had consulted us before.
- This walking tour lasts approximately 35 minutes.
- I hope this issue gets resolved peacefully.
- One bad apple spoils the whole bunch.
- We must not squander those precious sacrifices.
- Do not waste my time please.
- **I** Today the world is menaced by terrorism
- I am afraid, time is running out.
- Lingineers destructed the house for safety reasons.
- I finally procured a 3500 watt gasoline generator.
- Wave farms can easily produce renewable energy.
- U Oil & coal can produce non renewable energy.
- Use Our strong words should support strong actions.
- These gases tend to be very hazardous.
- Animal hair and dirt are nearly invisible.
- All judges rulings are final and irreversible.
- The fossil fuels are finite resources.
- He is self-employed and works 40 hours a week.
- The problem actually becomes much more easier.
- This service is entirely free of charge.
- I have recently changed my opinion of her.

### أسئلة على مفردات الوحدة

### Fill in the spaces with the suitable words from the list below

### Entirely / motorist / asthma / diminish / end up with / actually

- 1. It took me several weeks to thoroughly acclimatise myself to this ----- new way of life.
- 2. If we don't do something to save energy, we'll ----- irreversible environmental problems.
- 3. Governments should use renewable energy to ----- the amount of pollution.
- 4. How many of you would stop if you saw a ----- who had broken down by the side of the road?
- 5. Using natural oil has ----- saved the sperm whale, which was previously hunted to make oil.



Entirely

2. end up with 3. diminish

4. motorist

5. actually

1. lasted

### Motoring / consult / procure / government / hazardous / self-employed

1.	Most of the Somalis are as herders, farmers, or independent business owners.
2.	Before removing stains, a professional cleaner or read our article on removing stains.
3.	It remained very difficult during the war to food, fuel and other daily necessities.
4.	Unprocessed waste from factories can harm the environment and be to wildlife.
5.	The Prime Minister was keen to emphasize his 's commitment to the agreement.
(	1. self-employed 2. consult 3. procure 4. hazardous 5. government
•	Fill in the spaces with the suitable words from the list below
	congestion / spoil / finite / megawatts / resolve / invisible
1.	Carbon monoxide is often known as the silent killer as the gas is and has no smell or taste.
2.	The police say they want to the situation peacefully, without using force.
3.	The project is designed to generate around 30 of power for the national grid.
4.	The earth has a number of resources which we must protect.
5.	Local people complained that the new office building would the view of the museum.
(	1. invisible 2. resolve 3. megawatts 4. finite 5. spoil
	Fill in the spaces with the suitable words from the list below
	lasted / breakdown / generate / strong / appliances / actually / motoring
1.	The hot weather for the whole month of June.
2.	The rice that we eat is a grain that is found inside the seed hull .
3.	Scientists predict that storms will become more frequent as the climate changes.
4.	The flowing water is used to operate turbines, which electricity.
5.	I was late for work because I had a in the middle of the road.
ß.	Phillips is one of the world's largest producer of household
7.	It was the first time he'd paid a fine.

2. actually 3. strong 4. generate 5. breakdown 6. appliances 7. motoring

### Lasts / breakdown / motoring / strong / generate / irreversible

1.	Wind turbines use kinetic energy to electrical energy for homes and businesses.					
2.	. Using renewable energy reduces pollution and ensures the supply of natural oil longer.					
3.	Always carry a phone with you in case you have a on the motorway.					
4.	These magazines cover all kinds of popular subjects such as, gardening, and sports.					
5.	He is a personality known for his enthusiasm for modernizing the government structure.					
	The appearance of the state of					
-	1. generate 2. Lasts 3. breakdown 4. motoring 5. strong					
•	Choose the most appropriate answer from a, b, c and d.					
1.	Greenhouse gases generated by burning are the main causes of global warming.					
•	<ul> <li>a. fractional distillation</li> <li>b. fossil fuels</li> <li>c. refining</li> <li>d. polymer</li> </ul>					
2.	Plastic is originally produced from					
	<ul> <li>a. fractional distillation</li> <li>b. fossil fuels</li> <li>c. crude oil</li> <li>d. polymer</li> </ul>					
3.	Man should be wise in using the Earth's natural resources because they are					
	a- irreversible b- strong c- invisible d- finite					
4.	Taking the train would allow us to avoid the around London.					
	<ul><li>a) motoring</li><li>b) waste</li><li>c) congestion</li><li>d) crude oil</li></ul>					
5.	Diesel, used in trucks, buses, and trains, comes from, and it is less refined than gasoline.					
	<ul><li>a) motoring</li><li>b) waste</li><li>c) congestion</li><li>d) crude oil</li></ul>					
Б.	Carbon dioxide is produced in huge amounts when are burned.					
	a) fossil fuels b) breakdowns c) motorists d) polymers					
7.	By smoking for so long, she may have suffered damage to her health.					
	a) strong b) finite c) irreversible d) invisible					
8.	is an industrial process whereby crude oil undergoes various chemical processes.					
	a) Breakdown b) Polymers c) Smog d) Refining					
<b>9</b> .	Oil refining separates the various fractions of petroleum by a process called					
	a) breakdown b) polymer c) fractional distillation d) fossil fuel					
10.	. Now, the police have caught him, and found that he had almost all the money.					
	a) lasted b) generated c) resolved d) squandered					
6	1. fossil fuels 2. polymer 3. finite 4. congestion 5. crude oil					
	6. fossil fuels 7. irreversible 8 <mark>. Refining</mark> 9. fractional distillation 10. squandered					



# حلول أسئلة كتاب الطالب Set Book

- 1. Mention two sources of (finite) nonrenewable energy:اذكربعض مصادرالطاقة (المنتهية) الغيرمتجددة
- البترول Oil 🖖

- لغاز Gas
- الفحم Coal
- 2. Mention the sources of alternative (renewable) energy: اذكر بعض مصادر الطاقة (البديلة) المتجددة
- طاقة الشمس . Solar energy 🖖 طاقة الأمواج . Wave energy
- طاقة الرباح .Wind energy
- ما أهمية الطاقة البديلة (المتجددة) ? The importance of alternative (renewable) energy
- 👆 It is cheap . خص ثمنها,
- لاتسىب التلوث .It does not cause pollution لاتسىب التلوث
- ستحل مشكلة نقص الطاقة . It will solve the lake of energy
- 4. What are the advantages of wave farms? ما هي مز ايا مزارع الأموام
- ا أنها غير مرئية . They are invisible 🖖
- مصدر نظيف للطاقة . It is clean
- أسباب معارضة انشاء مزارع الامواج (العيوب) ? Why some people are against using wave power
- مصدر خطورة على الأسماك والسفن . It is dangerous to the ships and fish 🌣
- 🤟 It is expensive. تعتبر مكلفة
- سوف تؤثر على السياحة . It will affect tourism 🌣
- ة. What are the advantages of solar energy? مزايا الطاقة الشمسية
- انها نظیفة . It is clean
- انها متحددة . It is renewable
- 7. What are the disadvantages of solar energy ? عيوب الطاقة الشمسية
- 🌣 It is expensive ( at the beginning ). (عند الانشاء)
- 🤟 تتأثر ليلاو شتاءا . It is affected at night and in winter 🖳
- 3. How can energy be saved at home? كيف نوفر الطاقة بالمزل
- اطفاء جميع الأنوار غير الضرورية . Switch off any unnecessary lamps
- اطفاء جميع الأجهزة غير الضرورية .Switch off any unnecessary appliances
- عيف نوفر الطاقة بالسيارات ?How can we save (diminish) energy in our cars كيف نوفر الطاقة بالسيارات
- پمکن استخدام سیارات غیره . We can use smaller cares
- پمکن مشارکة السيارة مع الغير . We can share cares with othe people 🖖
- 🌣 We can use alternative modesof transportation. مكن استخدام وسائل نقل بديلة
- ما هي استخدامات النفط (Discuss) ما هي استخدامات النفط
- 🌣 Oil is used as petrol for cars. وقود لليارات
- 🤟 Oil is used as polymers for plasti. بوليمر يستخدم لصناعة البلاستيك
- 🔖 Oil is used to generate electricity. يستخدم لتوليد الكهرباء. What are the advantages &

#### مزايا وعيوب الوقود الحفرى?disadvantages of usig fossil fuels

- المزايا: رخص ثمنها وسهولة الحصول عليها . Advantages : Fossil fuels are cheap and easy to get
- 🖔 Disadvantages : Fossil fuels are finite, and they cause pollution. العيوب: منتهية وتسبب التلوث



# شرح القواعد Grammar



## الجمل الشرطية ( IF )

- معنى (if) هو ( لو / اذا ) ... وتُستَخدَم الجمل الشرطية في اللغة الإنجليزية للتفكُّر فيما سيحدث، أو ما
   كان من المُمكِن أن يحدث ، أو ما نتمناه أن يحدث. مثل أن تقول "لو كنت عنى , لكنت امتلكت طائرة"
  - و دائما هناك مقطعين للجملة الشرطية وهما (فعل الشرط و جواب الشرط)

#### الحالة صفر

تستخدم للتعبير عن الحقائق العلمية والحالات العامة

	فعك الشرط [ <b>مضارع بسيط</b> ]		جواب الشرط [ <b>مضارع بسيط</b> ]
IF	♪ I am thirsty	,	I drink water.
			it turns into ice.

### الحالة الأولى

● تستخدم للتعبير عن أحداث ممكنة الحدوث في الوقت الحالى أو مستقبلا

	فعك الشرط [ <b>مضارع بسيط</b> ]		جواب الشرط [ <b>مستقبل بسيط</b> ]
IF	₿ I <mark>travel</mark> to Egypt	,	I will visit the pyramids.
ال			you w <mark>ill</mark> get high marks.

### الحالة الثانية

● تستخدم هذه الحالة للتعبير عن أشياء غير محتملة الحدوث / أو لنصيحة شخص أخر

فعك الشرط [ <b>ماضي بسيط</b> ]			جواب الشرط [ <u>مصدر الفعل</u> + <b>would</b> ]	
IF	ル I <mark>were</mark> a millionaire	,	I <b>would</b> <u>buy</u> that expensive villa.	
	♣ Salem came earlier		he <b>would</b> <u>meet</u> Mr. Aly.	

### الحالة الثالثة

● تستخدم الحالة الثالثة للتعبير عن الندم تجاه الأشياء التي لا يمكن ان تحدث الأن لأنها قد تمت ووقعت بالفعل

	فعك الشرط [ <b>ماضي تام</b> ]		جواب الشرط [ <u>التصريف الثائث</u> + would have [		
IF	<b>I had seen</b> you	,	I <b>would have</b> <u>talked</u> to you.		
	we had needed your help		We would have telephoned you		

عمكن بسهولة وضع ( if ) في وسط الجملة من خلال البدأ بمقطع (جواب الشرط) ثم ( if ) ثم مقطع (فعل الشرط)

IF I had had a lot of moneyI should have bought a big houseI had had a lot of money.

1. حدد موقع ( $\hat{I}$ ) و جملة فعل الشرط التي تليها مباشرة ثم جملة جواب الشرط 2. من خلال الجزء المكتمل حاول تحديد حالة قاعدة ( $\hat{I}$ ) هل هي (اولى/ثانية/ثالثة) 3. اكمل الجزء الناقص حسب تكوين الحالة (كما هو موضح بالشرح)



### تدريبات على القاعدة السابقة

•	Correct	the verb	form	between	brackets	و الفعل بين الأقواس	صحع
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- 1. If it hadn't rained heavily, there .......(not be) a flood.
- 2. If he ......(sleep) early, he would have woken up early.
- 3. If he hadn't climbed the tree , he ......(break) his leg.
- 4. If we ......(go) shopping, we would have food to eat.
- 5. If you ......(heat) water to 100 degrees, it boils.
- **......** Plants die if they .......(not get) water.
- 7. You ......(get) purple if you mix red and blue.
- 8. If we don't hurry, we ......(miss) the train.
- If I see Mike , I ......(tell) him about the party.

  Output

  Description:
- 10. I will speak to him if I ......(see) him tomorrow.

 		3. would have broken		
6. do not get	7. get	8. will miss	9. will tell	10. See

## • Correct the verb ( If conditional type I ) صحح الفعل - تدريب على قاعدة لو (الحالة الأولى)

- 1. If he buys that car, it (cost) \_\_\_\_\_him much.
- 2. I will not let them in if they ...... ( be ) late again.
- 3. If the weather ( be ) ......warm , we'll go to the sea .
- 4. If demand for a product rises , its price ......(rise) too.
- 5. His teeth will become bad if the boy ( eat ) ...... much sweet .
- **F.** He won't catch the train if he ( **not leave** ) \_\_\_\_\_ early .



1. will cost

2. are

3. is

4. will rise

5. eats

6. does not leave

• Correct the verb ( If conditional type	صحح الفعل - تدريب على قاعدة لو (الحالة الثانية) ( 11
1. If I spoke French, I (travel)	to Paris.
2. You would meet them if you ( come )	earlier.
3. If I were a bird, I (fly)	
4. If I were rich , I ( help)th	ne poor.
5. If you (apologize) for h	nim, he would forgive you.
1. would travel 2. came 3. wou	ıld fly 4. would help 5. apologized
Correct the verb ( If conditional type	صحح الفعل - تدريب على قاعدة لو (الحالة الثالثة) ( III
1. He ( answer )all the que	estions if he had revised his lessons.
2. If he ( not help ) me , l'o	d have been late.
3. If I had cleaned the house , I	(go) to the cinema.
4. If I had known that , I shouldn't ( go)	there at all.
5. I ( come )sooner if I had	d known you were there.
\$\begin{align*} \text{s.} & \text{If I} \tag{\text{ccept}} \text{ that promotion}	on ,I would have worked in Milan.
1. would have answered 2. had not helped 3. would h	ave gone 4. have gone 5. would have come 6. had accepted
<ul> <li>Correct the verb form between brack</li> </ul>	ento
W 30 6 60 6	
We will let you know if anything	
2. If the sun(not rise) of	-
3. If I have time later , I	(practice) a new song on the piano.
4. I would wish for perfect health if I	(have) one wish.
5. If you don't brush your teeth, you	(get) cavities.
You'll eventually achieve your goal if you	(set) your mind to it.
7. I(travel) to the moon	if I inherited a billion dollars.
8. If you close your eyes, it	(be) easier to relax.
1. changes 2. did not rise	3. will practice 4. had
5. will get 6. set	7. would travelled 8. is