



برای دریافت پاسخنامه سوالات به سایت زیر مراجعه
فرمایید

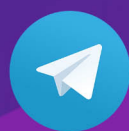
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کلیه حقوق مادی و معنوی این سوالات متعلق به گروه آموزشی
بیست و نو است شو می باشد و کپی برداری و استفاده بدون ذکر
منبع از لحاظ شرعی و قانونی مجاز نمی باشد



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renewable energy

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1 - Put the following sentences into passive voice. (Modals)

1. You may forget the rules quickly.

.....

2. You should study the lessons repeatedly.

.....

3. Benjamin must win the competition.

.....

4. They should cancel the game.

.....

5. The doctor can't persuade her.

.....

۲- جملات زیر را مرتب کرده و به شکل یک پاراگراف در آورید. جملات (concluding sentence) , (supporting sentence) , (topic sentence) را مشخص کرده و در جدول داده شده بنویسید.

They are very useful farm animals.

They can easily run long distances.

They have long legs, which are very strong.

Horses usually move in herds and live in a stable.

They carry people and goods from one place to another.

Horses are farm animals. They are usually black, grey, white and brown in color.

Descriptor	Sentence
Topic Sentence	
Supporting Sentence	
Supporting Sentence	
Supporting Sentence	
Supporting Sentence	
Concluding Sentence	

۳- برای هر کلمه از ستون A یک تعریف از ستون B انتخاب کنید. (در ستون B یک تعریف اضافی است).

A	B
calmly	
distinguished	a. well - known
demand	b. in a quiet way
use up	c. to finish something
	d. to take something in, especially gradually
	e. the amount of a product or service that people want

4 - Fill in the blanks with the given words. There is one extra word.

identify – infection – huge - technical – entries- thinking

1. There are still a few problems to be dealt with before the product can be put on sale to the public.
2. Modern computers can hold amounts of information.
3. All people realize that we must stop wasting our natural resources.
4. This bilingual dictionary has about 70,000
5. If the is not checked it will probably spread to the upper body.

5 - Rewrite the sentences in passive voice.

1. I can answer the question.

.....

2. You should open the window.

.....

3. He must fill in the form.

.....

4. We might play cards.

.....

5. He could not read the sentence.

.....

6 - Use the given verbs in either active or passive form with the most suitable modal

1. The entire valley (see) from their mountain home.
2. He is wearing a gold ring on his fourth finger. He (marry).
3. A child (not give) everything he or she wants.
4. Our daughter has a good voice. Her interest in singing (encourage).
5. Try to speak slowly when you give your speech, If you don't, some of your words (misunderstand).

7 - Fill in the blanks using Past Perfect Tense.

1. I was able to pass the exam since I (study) regularly.
2. Before she traveled to Lisbon, she (reserve) the hotel room.
3. I didn't realize that I (lose) my keys until I arrived home
4. By the time you understood the problem I (find) the solution.

8 - Complete the following sentences using the best tense form of the verbs in brackets

1. We (not see) Mrs. Janker before she went to London.
2. Adams (already finish) typing when I arrived at the office.
3. I (buy) a new camera before I went to England.
4. My mom didn't turn off the light until I (finish) my homework.

9 - Look at the pictures and fill in the blanks using simple past and past perfect tenses.

1. I (eat) lunch before (go out).	
2. When I (get) home, already (fall asleep).	
3. She (upset) because (get a bad score).	

10 - Answer the following questions.

1. Should fossil fuels be saved for our children?

.....

2. Can electricity be generated from plants?

.....

3. Have you ever seen a solar panel?

.....

4. How does a solar panel work?

.....

11 - Fill in the blanks with the correct form of the verbs.

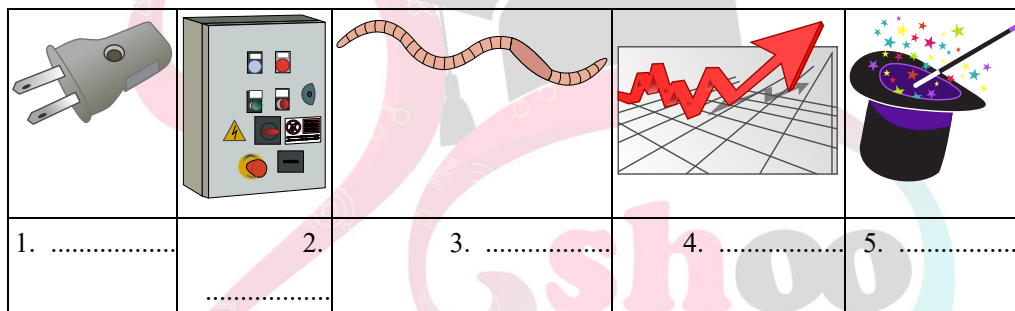
1. The river may (pollute) with aluminum.
2. The list can (arrange) alphabetically.
3. Nowadays power can (generate) by resources other than fossil fuels.
4. The waste should (collect) every night to be sent to the landfill.

12 - Fill in the blank with your own words.

1. Two are better than one.
2. There's like home.
3. helps those who help themselves.
4. A child dreads the fire.
5. Birds of a feather together.

13 - Write correct words under the pictures.

rise/magic/panel/plug/worm



14 - Fill in the blank with your own words.

1. does not grow on trees.
2. Easy , easy go.
3. Don't look a horse in the mouth.
4. Don't count your chickens before they
5. Cut your coat according to your

15 - Fill in the blank with your own words.

1. She up all the coins which her mother had lent him.
2. The main of nonrenewable energy are oil, coal and fossil fuels.
3. I think that the between Amol and Babol is about 40 km.
4. Shabnam worked hard and finally her goal of becoming a physician.
5. You must the library rules when you study.

16 - Match the Column A to the Column B. There is one extra word.

A	B
1. achieve	a. tide
2. at	b. to bed
3. go	c. your goal
4. in	d. birth
5. low	e. remind
	f. short

17 - Fill in the blanks with the given words. There is one extra word.

demanded – gradually – running water – absorbed – source – reduced

1. Money is often a of tension and disagreements in young married couples.
2. Some of these older houses still don't have
3. , she realized that he wasn't telling her the truth.
4. We bought a TV that was from £ 500 to £ 350 in the sales.
5. He has always the highest standards of behavior from his children.

18 - Fill in the blanks with the given words. There is one extra word.

organic – warned – constantly – consumed – string – spoil

1. We vast quantities of food and drink that night.
2. Sales of food have increased dramatically in recent years.
3. The direction of the wind is changing.
4. My mother always me not to talk to strangers.
5. The dessert will if you don't keep it in the fridge.

19 - Fill in the blanks with the given words. There is one extra word.

global – bill – broth – conclude – flashlight – magic

1. She shone the into the dark room.
2. It seems that some people still believe in sorcery and black
3. Changes like this will impact on the economy.
4. It's difficult to guess what they will from the evidence.
5. If this is not paid within five days, your gas supply will be cut off.

20 - Match the definitions of Column A to the terms in Column B.

A	B
1. the covering that forms the top of a building, vehicle, etc.	a. gadget
2. the characteristic of often changing and being different.	b. portable
3. to change food in your stomach into substances that your body can use.	c. roof
4. a small device or machine with a particular purpose.	d. variety
5. light and small enough to be easily carried or moved.	e. digest

21 - Match the definitions of Column A to the terms in Column B.

A	B
1. extremely good.	a. equivalent
2. having the same amount, value, purpose, qualities, etc.	b. fantastic
3. the chance that something will happen.	c. likelihood
4. a place where rubbish is buried.	d. practical
5. suitable for the situation in which something is used.	e. landfill

22 - : Match the definitions of Column A to the terms in Column B.

A	B
1. to request something, usually officially, especially in writing or by sending in a form	a. client
2. a customer or someone who receives services.	b. delivery
3. the act of taking goods, letters, parcels, etc. to people's houses or places of work.	c. cooperate
4. to act or work together for a particular purpose.	d. apply
5. to produce heat, light, a smell, or a gas.	e. give off

23 - Match the words with the pictures.

wind tower/balcony/feather/tide/air conditioner



1. 2. 3. 4. 5.

24 - Find the synonyms or antonyms.

A	B
1. Can you take out the <u>garbage</u> when you go?	a. slowly
2. Your room's <u>huge</u> compared to mine.	b. absent
3. Many of our forests are <u>gradually</u> disappearing.	c. never
4. Many valuable works of art were lost <u>forever</u> .	d. vast
5. Foreign observers were <u>present</u> at the elections.	e. waste

25 - Find the synonyms or antonyms.

A	B
1. Small businesses will need to <u>reduce</u> costs in order to survive.	a. produce
2. How can you <u>forget</u> where you've parked the car?	b. need
3. Most house plants <u>require</u> regular watering.	c. increase
4. The program would <u>generate</u> a lot of new jobs.	d. lose
5. Who do you think will <u>win</u> the next election?	e. remind

26 - Choose the odd one out.

1) 1. wind	2. plant	3. tide	4. oil
2) 1. balcony	2. yard	3. sofa	4. roof
3) 1. generate	2. produce	3. overcome	4. create
4) 1. run	2. revolve	3. orbit	4. circle
5) 1. light	2. coal	3. radiation	4. sunshine

27 - Match the definitions of Column A to the terms in Column B.

A	B
1. To finish something	a. forever
2. For all time	b. absorb
3. To change in form or character	c. convert
4. The rise and fall of the sea	d. use up
5. To take something in, especially gradually	f. tide

28 -

یک پاراگراف با عنوان Forests بنویسید و از تمام موارد ذیل در آن استفاده کنید. پاراگراف باید شامل جملات (Topic Sentence)، (Supporting Sentence)، (Concluding Sentence) باشد.

Natural home of animals

Source of fresh air

Source of necessary things for man

Forests are

۲۹ - جمله زیر را با کلمه‌ای مناسب از دانش خود کامل کنید. (باتوجه به تعداد خط‌چین، حروف کلمه موردنظر را کامل کنید)

A. When you get money quickly, it's easy to spend it or lose it quickly as well.

B. You know that "Easy come, easy go"

۳۰ - برای هر کلمه مشخص شده از ستون A یک تعریف از ستون B انتخاب کنید. (در ستون B یک تعریف اضافی است).

A

1. He always speaks slowly and calmly.

2. Here you can see two high and two low tides each day.

3. No one can live forever.

B

a. cry suddenly

b. for all time

c. the rise and fall of the sea

d. in a quiet way

۳۱ - جملات زیر را با کلمات داده شده کامل کنید. (یک کلمه اضافی است)

hugged, introduction, absorb, effectively

1. Plants carbon dioxide.

2. This book has only a two-page

3. My uncle went to his son and him.

۳۲ - با توجه به تصاویر داده شده، جملات زیر را بخوانید و جمله مناسب برای هر تصویر را انتخاب کنید. (یک جمله اضافی است).



(۱۶) (۱۷) (۱۸) (۱۹)

a. Iran is rich in oil resources.

b. My uncle often sits in the balcony, has a cup of coffee and reads a book.

c. Try to avoid foods that contain a lot of fat.

d. Dad really shouted at me when I didn't pass the exam.

e. Wind turbines are used to produce electricity from wind power.

۳۳ - جملات زیر را با کلمه‌ای مناسب از دانش خود کامل کنید.

I think O is the s ----- for Oxygen. I am not sure!

I always try to wake up and start work early because I know that "the early bird catches the w ---"

۳۴ - برای هر کلمه مشخص شده از ستون A یک تعریف از ستون B انتخاب کنید. (درستون B یک تعریف اضافی است).

A

- 1) Students should **appreciate** their teachers for their help and kindness.
- 2) Plants **absorb** carbon dioxide.
- 3) **Demand** for organic food is increasing.

B

- a. the amount of a product service that people want
- b. the part at the beginning of a book that gives a general idea of what it is about
- c. be grateful for
- d. take something in, especially gradually

۳۵ - جملات زیر را با کلمات داده شده کامل کنید. (یک کلمه اضافی است)

dedicated, replaced, forgive, recommend

- 1) A: Mrs. Ahmadi is very friendly and helpful. B: I know! She is known as a teacher, too.
- 2) A: What kind of dictionary do you ? B: A learner's dictionary.
- 3) Her sister carefully the china plate on the shelf.

۳۶ - با توجه به تصاویر داده شده، جملات زیر را بخوانید و جمله مناسب برای هر تصویر را انتخاب کنید. (یک جمله اضافی است)



- a. My little sister sits on my mother's lap all the time.
- b. Hamid sits on the sofa and watches TV all the time.
- c. Try to avoid foods that contain a lot of fat.
- d. Oil, coal and natural gas are three common fossil fuels.
- e. I have kept a diary for twelve years.

37 - Spelling - Complete the blanks with proper letters. Each dash (-) represents a letter.

Solar energy is produced by the radi - - - - (1) that reaches the earth. people have used the sun as a heat s - - - ce (2) for thousands of years. Iranians, for instance, use sp - - - al (3) designs and arrangements of windows, balc - - - - (4) and yards to get the most sunshine.

38 - Read the following sentences and then choose the best answer.

In recent years, scientists have tried to use other types of energy resources such as sunshine, wind, water, etc. They call them clean energy resources.

Scientists call these kinds "clean energy resources" because they are

- 1) safe for the earth
- 2) nonrenewable
- 3) recyclable
- 4) inexpensive

39 - The letter which yesterday, will be posted tomorrow.

- 1) had written
- 2) has written
- 3) wrote
- 4) was written

۴۰ - مفهوم و تعریف ضرب المثل های ستون A را از ستون B انتخاب نمایید. (در ستون B یک تعریف اضافه است).

A

- 1) Out of sight, out of mind
- 2) Practice makes perfect
- 3) Easy come, easy go
- 4) Two heads are better than one

B

- a. When you get money quickly, like by winning it, it's easy to spend it or lose it quickly as well.
- b. When two people cooperate with each other, they come up with better ideas.
- c. You have to practice a skill a lot to become good at it.
- d. People like to spend time with those who are similar to them.
- e. You soon forget people or things that are no longer visible or present.

۴۱ - برای هر کلمه مشخص شده از ستون A یک تعریف از ستون B انتخاب کنید. (در ستون B یک تعریف اضافی است).

A

- 1) I have kept a **diary** for twelve years.
- 2) Plants **absorb** carbon dioxide.
- 3) I did not read the introduction and **jumped into** the next part.
- 4) Don't **use up** all the milk - we need some for breakfast.

B

- a. to take something in, especially gradually
- b. cry suddenly
- c. a book in which you record your thoughts or feelings or what has happened every day
- d. to suddenly decide to do something
- e. to finish something

۴۲ - جملات زیر را با کلمات داده شده کامل کنید. (یک کلمه اضافی است).

1. We'll need to the chairs around the table.
2. The for organic food is increasing these days.
3. I have told Mohsen to talk politely to his teacher.

۴۳ - با توجه به تصاویر داده شده، جملات زیر را بخوانید و جمله مناسب برای هر تصویر را انتخاب کنید. (یک جمله اضافی است)



- a. The mother is hugging her little child.
- b. My sister often sits in the balcony and studies her lessons.
- c. The student circled the dictionary entry for the new word.
- d. Solar panels change solar power into electricity.
- e. The sofa converts into bed.

۴۴ - با توجه به تصاویر داده شده، جملات زیر را بخوانید و جمله مناسب برای هر تصویر را انتخاب کنید. (یک جمله اضافی است).



(1)



(2)



(3)



(4)

- a. There are lots of free apps that you don't need to pay money to use them.
- b. It is believed that hugging your child boosts the level of happiness.
- c. Teenagers who help others are more successful in life.
- d. Hydropower is produced as a result of falling or running water.
- e. Tides can usually happen near any huge body of water like an ocean or a sea.

45 -

متن زیر را بخوانید و به سوالات داده شده هر قسمت پاسخ دهید.

Albert Einstein, a physicist, was born on March 14, 1897, in Germany. He could change people's understanding of the physical world, therefore, he has been considered as one of the greatest thinkers in science. After graduating in 1900, Einstein had a hard time finding a job. He finally got a job at the Swiss Patent Office in 1902. This job gave him the time to do some of this important works like writing theoretic papers on physics, especially his Theory of Relativity. He became a professor at the German University in Prague. He began working at the Prussian Academy of Sciences in Berlin in 1914, and soon finished work on his General Theory of Relativity, which was published in 1916. Einstein was awarded the Nobel Prize for physics in 1921. In 1933, he left Germany because of the strict rules of Hitler. He went to work at the Institute of Advanced Study at Princeton University in New Jersey. He later became a U.S citizen. During World War II, he wrote a letter to President Roosevelt expressing his worry about the atomic bomb. After stopping his work in the institute in 1945, he spent much of his time giving lectures and speeches and working on theories. In his final years, he lost his health. He was hospitalized with stomach pains several times, and he died on April 18, 1955.

(الف) Before the World War II, Einstein left Germany and became a / an

- a) president
- b) American citizen
- c) physicist
- d) student

(ب)

His job helped him to think about his theory.

- a) True
- b) False

(پ)

He found a job easily after graduation.

- a) True
- b) False

(ت)

When was the Nobel Prize awarded to Einstein?

ث

What did Einstein do for expressing his fear of the atomic bomb?

46 - All of our energy comes from the sun which is our nearest star. The sun sends out huge amounts of energy through its rays every day. We call this energy solar or radiant energy. Life on earth would not exist without the sun because our planet would become totally frozen. We use this solar energy in ,any different ways. The sunlight lets us see and warms us. Plants use light from the sun to grow and they store it as chemical energy. This process is called Photosynthesis. The energy is stores in their roots, fruits, and leaves. This energy feeds every living thing on the earth. When we eat plants and the food made from plants, the energy is stored in our bodies especially in our muscles and brain cells. We use this energy for everything we do. We use energy when sing a song, think a thought, tell a joke or climb mountains. Everything needs energy. Just as humans store energy in their bodies, the earth stores the sun's energy too. The sun's energy has also been stored in coal. oil. and natural gases which are known as fossil fuels. We may use the energy in these fossil fuels to make electricity. We light and heat our homes, schools, and offices and also run our computers by electricity. Our cars planes run on gasoline which comes from oil. Fossil fuels are known as non - renewable source of energy, so they can't be used over and over again. This means that one day they will run out!

Luckily, there are some renewable energy sources we can use, and we can keep using. Unlike non-renewable fossil fuels. They will not run out. There forms of renewable energy are: solar energy, water energy and wind energy. Solar energy can be caught and transform it into heat and electricity. Water is also used to produce electricity. Wind is a third form of renewable energy. Wind turbines can get the energy of the moving air and turn it into electricity. All these renewable energy sources are essential for us because they will not run out, so we need get better and better at using them.

(الف)

What does "they" in paragraph3, line 2 refer to?

- | | |
|-------------------------------|--------------------------------|
| a) fossil fuels | b) non-renewable energy source |
| c) renewable source of energy | d) solar panels |

(ب)

What is this passage mostly about? It is about

- how long it takes for light to reach the earth from the sun
- the importance of energy for human life and where energy comes from
- different types of non-renewable sources of energy used by people
- how fossil fuels were formed

(پ)

Our nearest star is the source of all the energy we need on earth.

- a) True b) False

(ت)

The sun's energy can only be stored in the form of coal, oil and natural gases.

- a) True b) False

(ث)

Answer the questions.

Where is energy stored in plants?

(ج)

What are the three forms of renewable energy?

47 -

The research for new sources of energy has led into various ways. To produce any type of energy, the resources of the earth are used. The main resources of the earth are fossil fuels such as natural gas, oil and coal. Electricity is generated from coal, oil and natural gas. but the process has been proven to be expensive.

Experimental works are in progress to produce energy from other resources. Scientists and experts spared no pains to search for new ways of producing new source of energy. For instance, electricity has been produced with giant wind turbines. Geothermal power or the heat from the earth is also being tested to produce energy. Many societies are burning rubbish and other biological waste products to generate electricity. Not only charging unwanted products to gas or oil is a cheap way to produce energy, but also it is an effective way to get rid of waste.

Some experts expect service companies to expand hydroelectric power generated from streams and rivers. As an example. 50 years ago hydroelectric power provided one-third of the electricity used in the United states but today it includes only 4%. The oceans are another possible source of electricity. Experiments are also underway to make use of temperature differences in ocean water to produce energy.

Clean energy resources are vastly respected, valued, and used all over the world to keep the environment clean. As a result, scientists try to introduce new types of energy resources called clean energy resources to nations or the world.

(الف)

Which is the best title for this passage?

- a) The use of waste products for energy
b) The search for new sources of energy
c) Effective ways of producing hydropower
d) New discoveries in geothermal power

(ب)

Which of the following is not offered in the passage as a source of energy?

- a) Electrical power b) Clean energy c) Nuclear energy d) Hydroelectric power

(پ) Changing waste products to gas or oil is an expensive way to generate energy, but it is very effective.

a) True b) False

(ت) Geothermal power is the heat from the Earth.

a) True b) False

(ث) What is hydroelectric power produced from?

(ج) What will happen if the nations of the world use clean sources of energy?

48 - Read the story carefully and then find the best choice.

Once upon a time, there was a very rich woman who had a lot of valuable things and some big houses. Suddenly, she died, and there was a big funeral (تشییع جنازه). Notices (1) out to relatives and friends and they (2) from far and near to attend the funeral. Her body (3) back to be buried (دفن) in a special place in her garden.

One of her relatives (4) a poorly dressed man following them and crying loudly.

The relative asked him kindly, "Were you a relative of the dead woman, too?"

"No" the man replied.

"So, why (5) ?" the relative asked.

The poorly dressed man (6), "That's exactly why I'm crying."

(الف) 1) sent 2) have been sent 3) were sent 4) have sent

ب 1) come 2) were come 3) had come 4) came

(پ) 1) was taken 2) took 3) is taken 4) takes

(ت) 1) has been 2) saw 3) was seen 4) has been seen

(ث) 1) are you cried 2) will you cry 3) are you crying 4) have you cried

(ج) 1) answered 2) was answered 3) answers 4) is answered

49 - Read the text and choose the best choice.

Even when asleep, the body needs energy. The more active a person is, the more energy the body uses. The energy comes from the chemical "burning" of carbohydrates, fats, proteins, and certain other substances such as alcohol.

The energy values of different foods can be measured by burning them in a special small oven called a calorimeter. Energy in food is often measured in calories. One kilocalorie, usually written as kcal or Calorie / with a capital C/, is the amount of energy required to raise the temperature of one kilogram of water by 1° Celsius. In fact the calorie is a unit of heat, not

energy. In the modern system of measurements, energy is measured in joules. (1 calorie equals 4.2 kilojoules.) You can find the calorie content of almost any food by looking in a health magazine or book.

An adult needs, on average, a little under 3,000 Calories a day. A manual worker would need 4,000 or more, because of the energy used up in physical activity. Children, who are growing and also very active, need extra calories as well. As people become older they need fewer calories, partly because they are physically less active and partly because some of their body tissues become chemically less active.

(الف The passage is mainly about

- | | |
|--------------------|------------------------|
| 1) energy and man | 2) energy and asleep |
| 3) energy and food | 4) energy and activity |

(ب The amount of energy is now measured

- | | | | |
|-------------------|--------------|------------------------------|-------------------------------|
| 1) is kilocalorie | 2) in joules | 3) by burning in calorimeter | 4) by raising the temperature |
|-------------------|--------------|------------------------------|-------------------------------|

(پ The word "value" in the 2nd paragraph is closest in meaning to

- | | | | |
|------------|------------|-------------|-------------|
| 1) variety | 2) quality | 3) delivery | 4) quantity |
|------------|------------|-------------|-------------|

