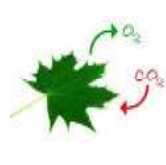
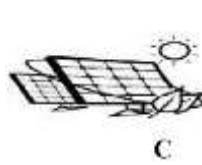


۱- با توجه به تصاویر داده شده جملات زیر را کامل کنید



1. In opposite to fans, .....(s) use wind to generate electricity .
2. Albert Einstein won the Nobel Prize in 1921 for his experiments with ..... Power.
3. "Where is your father, Ahmad?"  
"He is sitting in the b..... and drinking tea"
4. Though it stopped raining, the wind is still ----- hard.

۲- مشخص کنید که کدام تصویر به کدام جمله مرتبط است. یک تصویر اضافی است



5. Investment in hydropower was thought of as part of macroeconomic policy. ( )
6. Plants absorb carbon dioxide .( )
7. Oil, coal and natural gas are some kinds of fossil fuels
8. **Big shiny panels are solar collectors that absorb sunlight.** ( )
9. Air pollution is a serious problem in big cities.

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

### Column A

10. Strong **tides** make swimming dangerous.
11. We can **convert** some sofas into a bed.
12. **out of sight, out of mind**
13. **Demand** for organic food is increasing.
14. Plants **absorb** carbon dioxide from the air.

### Column B

- a. to take something in, especially gradually
- b. the amount of a product or service that people want
- c. You soon forget people or things that are no longer visible or present.
- d. the rise and fall of the sea
- e. to change in form or character
- f. Doing something over and over again is the only way to learn to do it well.

۴- با استفاده از کلمات داده شده، متن زیر را کامل کنید. (یک کلمه اضافی است).

**renewable, convert, turbine, effect**

Engineers design and make machines that measure wind and (15) -----wind into energy. They develop wind turbines that generate electricity by considering the Earth's surface, wind direction, average outside temperature, the (16) ----- by and on birds and insects, and the great forces on the (17) -----

arrangement, environment, material, radiation, instance

The most common type of clean energy is the solar power. Solar energy is produced by the ...18... that reaches the earth. People have used the sun as a heat source for thousands of years. Iranians, for ...19..., use special designs and ...20... of windows, balconies and yards to get the most sunshine. Different types of ...21... might also be used in building the houses. This keeps people warm during cold seasons and cool during hot days of the year.

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

pollute / replaced / contain / recommended

Renewable energy is any energy that comes from natural resources. Renewable energy is called renewable because it can be easily (22) ----- without the help of human. It is clean as it doesn't (23) ---- water or air. The most common type of renewable energy is the solar power. Nowadays, it is (24) ----- to use solar energy for heating water and air in homes. The shift to renewable energy is increasing. In 2017, the amount of electricity generated from it could have powered the whole of Britain in 1958.

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

25. Wind towers are natural air ..... systems and can be used instead of electrical air conditioners .

- a) combination      b) cooling      c) dedicated      d) generate

26-Scientists are trying to use plants to generate electricity. What's the synonym of underlined word?

- a-necessary      b-produce      c-decrease      d-forget

27 . After his first accident , John is quite careful in driving now , because.....

- a . practice makes perfect      b . a burnt child dreads a fire  
c . too many cooks spoil the broth      d . out of sight , out of mind

28 . Ants are very hardworking insects. Throughout the summer they .....food for the winter season

- a . decide      b . collect      c . combine      d . recognize

29. I didn't like him at first, but in the end I actually got quite ..... of him.

- a. magic      b. absence      c. uninterested      d. fond

30. The process of charging your electric car isn't much different from the way you charge the portable devices you ..... every day such as your cell phone.

- a. carry around      b. give off      c. come over      d. cross out

31. Whenever there's a storm in these parts, you can expect a ..... failure

- a. light      b. power      c. fuel      d. goals

۸- ضرب المثل های را با معنی آنها در ستون مقابل جور کنید.

32-God helps those who help themselves

a-achieve two things at once

33-Out of sight, out of mind

b-Don't just wait for good things to happen to you

34-Kill two birds with one stone

c- Don't be ungrateful when you receive a gift

d-you soon forget people or things that are no longer visible or present

35. The problem with fossil fuels is that they are not r..... .
36. We need huge resources of water to g..... electricity.
37. Don't u..... up all the milk , we need some for breakfast.
38. These factories c..... large amount of fossil fuels .
39. The more often you play the piano, the better you'll get. Remember the old saying: Practice makes .....
- 40 . We were late to the theater, and we couldn't find good seats . It is true that the e..... bird catches the worm!