



# پرای دریافت پاسخنامه سوالات به سایت زیر مراجعه فرمایید

Considérons les deux fonctions rationnelles :

$$f(x) \rightarrow \frac{6x+2}{(x+1)(x-1)}$$

$$g(x) \rightarrow \frac{3x-7}{(x-1)(x-2)}$$

Nous avons :  
 $((x+1)(x-1)=0) \iff (x=-1 \text{ ou } x=1)$  ;  
 $((x-1)(x-2)=0) \iff (x=2 \text{ ou } x=1)$ .  
 Nous en déduisons que le domaine de la fonction  $d$  est :  $D_d = D_f \cap D_g = \mathbb{R} \setminus \{-1, 1, 2\}$ .

Pour tout réel  $x$  de  $D_d$  nous avons :

$$d(x) = \frac{6x+2}{(x+1)(x-1)} - \frac{3x-7}{(x-1)(x-2)}$$

Nous en déduisons successivement :

$$d(x) = \frac{(6x+2)(x-2)}{(x+1)(x-1)(x-2)} - \frac{(3x-7)(x+1)}{(x+1)(x-1)(x-2)}$$

$$d(x) = \frac{(6x^2 - 12x + 2x - 4) - (3x^2 + 3x - 7x - 7)}{(x+1)(x-1)(x-2)}$$

$$d(x) = \frac{3x^2 - 6x + 3}{(x+1)(x-1)(x-2)} = \frac{3(x-1)^2}{(x+1)(x-1)(x-2)}$$

Pour tout réel  $x$  de  $D_d$  nous avons :  $x-1 \neq 0$ .

کلیه حقوق مادی و معنوی این سوالات متعلق به گروه آموزشی  
بیس\_۲۰\_لت شومی پاشد و کپی پردازی و استفاده بدون ذکر  
منبع از لحاظ شرعی و قانونی مجاز نمی پاشد



Instagram



telegram

[20shoo.ir](http://www.20shoo.ir)

@ir20shoo



## renewable energy

1 -

The new system produced enough energy to ..... several thousand homes.

- |                                                    |                         |                        |                          |
|----------------------------------------------------|-------------------------|------------------------|--------------------------|
| (I) obey                                           | (P) warn                | (W) heat               | (F) absorb               |
| 2 - These books ..... to the public library today. |                         |                        |                          |
| (I) should return                                  | (P) should be returning | (W) should be returned | (F) should have returned |

3 - By the time my husband and I arrived, all the guests ..... the building.

- |           |              |               |               |
|-----------|--------------|---------------|---------------|
| (I) leave | (P) had left | (W) have left | (F) were left |
|-----------|--------------|---------------|---------------|

4 - If plastic is burnt, it will ..... some dangerous gases.

- |            |                |              |             |
|------------|----------------|--------------|-------------|
| (I) use up | (P) turn round | (W) give off | (F) look up |
|------------|----------------|--------------|-------------|

5 - However, many people always keep their phone charger .....

- |               |             |                |              |
|---------------|-------------|----------------|--------------|
| (I) looked up | (P) used up | (W) plugged in | (F) get back |
|---------------|-------------|----------------|--------------|

6 - The waste should ..... every night to be sent to the landfill.

- |                   |                      |                  |                     |
|-------------------|----------------------|------------------|---------------------|
| (I) be collecting | (P) to be collecting | (W) be collected | (F) to be collected |
|-------------------|----------------------|------------------|---------------------|

7 -

There is a 25% discount on all electrical ..... until the end of the week.

- |           |           |              |               |
|-----------|-----------|--------------|---------------|
| (I) goods | (P) fuels | (W) proverbs | (F) distances |
|-----------|-----------|--------------|---------------|

8 - The new road will ..... the time to drive to the shopping center.

- |              |               |            |          |
|--------------|---------------|------------|----------|
| (I) generate | (P) apologize | (W) reduce | (F) take |
|--------------|---------------|------------|----------|

9 -

We all ..... to think what will happen if the factory closes.

- |               |             |            |           |
|---------------|-------------|------------|-----------|
| (I) apologize | (P) convert | (W) reduce | (F) dread |
|---------------|-------------|------------|-----------|

10 - The new shopping center was built at a ..... of 1.1 million.

- |          |          |            |           |
|----------|----------|------------|-----------|
| (I) coal | (P) cost | (W) result | (F) sight |
|----------|----------|------------|-----------|

11 - We sat on the balcony enjoying the autumn .....

- |              |             |                |             |
|--------------|-------------|----------------|-------------|
| (I) sunshine | (P) battery | (W) flashlight | (F) absence |
|--------------|-------------|----------------|-------------|

12 - Please ..... us of any change of address as soon as possible.

- |            |             |          |              |
|------------|-------------|----------|--------------|
| (I) inform | (P) convert | (W) heat | (F) generate |
|------------|-------------|----------|--------------|

13 - After the heavy snow we were without ..... for five days.

- |                |             |             |                 |
|----------------|-------------|-------------|-----------------|
| (I) university | (P) opinion | (W) garbage | (F) electricity |
|----------------|-------------|-------------|-----------------|

14 - The system produced enough energy to ..... several thousand homes.

- |             |          |             |           |
|-------------|----------|-------------|-----------|
| (1) pollute | (P) heat | (W) convert | (F) hatch |
|-------------|----------|-------------|-----------|

15 - At night, the man searched the whole house with a .....

- |            |             |             |                |
|------------|-------------|-------------|----------------|
| (1) demand | (P) highway | (W) feather | (F) flashlight |
|------------|-------------|-------------|----------------|

16 - Before I read the book, I thought this was exactly the ..... of the truth.

- |              |              |            |             |
|--------------|--------------|------------|-------------|
| (1) opposite | (P) suitcase | (W) client | (F) variety |
|--------------|--------------|------------|-------------|

17 - We haven't got any sugar, I ..... the last of it when I made a cake.

- |               |               |             |             |
|---------------|---------------|-------------|-------------|
| (1) pass away | (P) put aside | (W) used up | (F) look up |
|---------------|---------------|-------------|-------------|

18 - They planned to build a ..... to link the two towns.

- |             |             |          |          |
|-------------|-------------|----------|----------|
| (1) turbine | (P) highway | (W) herd | (F) kite |
|-------------|-------------|----------|----------|

19 - The firefighters were late and the fire ..... got bigger and bigger.

- |               |               |              |              |
|---------------|---------------|--------------|--------------|
| (1) gradually | (P) correctly | (W) properly | (F) directly |
|---------------|---------------|--------------|--------------|

20 - The children enjoy participating in a wide ..... of activities.

- |             |           |           |           |
|-------------|-----------|-----------|-----------|
| (1) variety | (P) waist | (W) sight | (F) broth |
|-------------|-----------|-----------|-----------|

21 - We ..... various social activities, but not all the members want take part.

- |              |               |            |             |
|--------------|---------------|------------|-------------|
| (1) organize | (P) apologize | (W) reduce | (F) pollute |
|--------------|---------------|------------|-------------|

22 - Some dangerous gases may ..... when garbage is burned.

- |                    |                     |                 |                  |
|--------------------|---------------------|-----------------|------------------|
| (1) to be produced | (P) to be producing | (W) be produced | (F) be producing |
|--------------------|---------------------|-----------------|------------------|

23 - Thousands of workers lost their jobs when the ..... closed.

- |             |             |             |             |
|-------------|-------------|-------------|-------------|
| (1) absence | (P) factory | (W) battery | (F) balcony |
|-------------|-------------|-------------|-------------|

24 - There's always a great ..... for our soups in winter.

- |               |            |             |              |
|---------------|------------|-------------|--------------|
| (1) pollution | (P) demand | (W) apology | (F) distance |
|---------------|------------|-------------|--------------|

25 - There is an old English ..... which says, 'Don't count your chickens before they hatch'.

- |             |              |             |             |
|-------------|--------------|-------------|-------------|
| (1) machine | (P) resource | (W) proverb | (F) monitor |
|-------------|--------------|-------------|-------------|

26 - We hope we can ..... even more closely in the future.

- |           |               |            |          |
|-----------|---------------|------------|----------|
| (1) hatch | (P) cooperate | (W) digest | (F) cost |
|-----------|---------------|------------|----------|

27 - There're a large variety of ..... in the local shops.

- |           |           |           |           |
|-----------|-----------|-----------|-----------|
| (1) costs | (P) tides | (W) winds | (F) goods |
|-----------|-----------|-----------|-----------|

28 -

I arrived at the church at two-thirty p.m. and saw some guests outside the ..... door.

- |             |             |          |          |
|-------------|-------------|----------|----------|
| (1) perfect | (P) nuclear | (W) main | (F) rich |
|-------------|-------------|----------|----------|

29 - Please ..... uncle that we are leaving at six tomorrow morning.

- |              |            |             |              |
|--------------|------------|-------------|--------------|
| (1) remember | (P) remind | (W) consume | (F) generate |
|--------------|------------|-------------|--------------|

30 - Those stars are hardly ..... to the eye without a telescope.

(I) fond

(P) gradual

(W) visible

(K) huge

31 - I see China as a necessary part of a growing new ..... economy.

(I) global

(P) renewable

(W) suitable

(K) common

32 - Having been a nurse a few years ago was a ..... for Victoria as a mother; it actually allowed her to take better care of her baby.

(I) demand

(P) function

(W) blessing

(K) souvenir

33 - Computer hard disks can ..... much greater amounts of data than floppy disks.

(I) store

(P) promote

(W) deliver

(K) provide

34 - After the president ..... his speech, he answered questions.

(I) has delivered

(P) had delivered

(W) have delivered

(K) must deliver

35 - That small company produces ..... parts for airplane engines.

(I) confusing

(P) mechanical

(W) monolingual

(K) upset

36 - Some planets can ..... from Earth without a telescope.

(I) be seen

(P) be see

(W) see

(K) be saw

37 - My mother believed that the ..... situation could get much worse.

(I) mechanical

(P) present

(W) renewable

(K) clean

38 - To have a clear image, stars ..... with a telescope.

(I) must be observe

(P) had to observe

(W) had better observe

(K) should be observed

39 - We couldn't go into the concert because we ..... our tickets.

(I) doesn't bring

(P) brought

(W) haven't bring

(K) hadn't brought

40 - Students should not write outside the ..... but instead stay inside the lines.

(I) booklet

(P) diary

(W) margin

(K) diploma

41 - According to the U. S. Department of Energy, an average household spends over 40 percent of its total annual energy budget on heating and ..... costs.

(I) cooling

(P) organic

(W) string

(K) stove

42 - There are about 13,000 identifiable ..... of roses throughout the world.

(I) series

(P) varieties

(W) products

(K) designs

43 - Your local library will be a useful ..... of information.

(I) load

(P) document

(W) source

(K) suitcase

44 - Because they are mostly Muslim, Egyptians do not ..... alcoholic drinks.

(I) like

(P) consume

(W) absorb

(K) deliver

45 - I can't believe you ..... all of my shampoo and just left the empty bottle in the shower!

(I) died out

(P) used up

(W) gave up

(K) put aside

46 -

The problem with fossil fuels is that they are not .....

(1) shiny

(P) renewable

(W) fond

(F) visible

47 - Buses and trucks are usually ..... by diesel engines.

(1) powered

(P) converted

(W) absorbed

(F) informed

48 - I'm not completely happy with the plan, but I see no clear .....

(1) alternative

(P) cloth

(W) demand

(F) character

49 - Wind ..... generate electricity for the local community.

(1) towers

(P) turbines

(W) shelves

(F) proverbs

50 - The basic ..... of the car is very similar to that of earlier models.

(1) design

(P) suitcase

(W) factory

(F) distance

51 - Computers ..... in any field of activity.

(1) can be used

(P) must use

(W) should use

(F) can use

52 - Wind turbines are used to ..... electricity for the local community.

(1) generate

(P) consume

(W) power

(F) form

53 - We arrived at 8:05, but the train ..... already left.

(1) had

(P) has

(W) was

(F) have

54 - This fruit is ..... in iron and very good for you.

(1) final

(P) upset

(W) rich

(F) huge

55 - Orange juice helps the body absorb iron easily when ..... with a meal.

(1) digested

(P) prepared

(W) consumed

(F) supplied

56 - The ..... streets in the center of the city are always very crowded.

(1) main

(P) final

(W) solar

(F) fond

57 - My father ..... the spare bedroom into an office.

(1) converted

(P) circled

(W) polluted

(F) generated

58 - My classmate and I decided to ..... for membership in the library.

(1) apply

(P) consume

(W) power

(F) remind

Culture shock is a term used to describe the process a person experiences when living outside his or her culture for a long period of time. Culture shock is a reality to many international students. When moving to a new culture, international students must deal with a language that may be unfamiliar, incomprehensible customs and values, and cultural expectations the students may not be fully aware of. As a result, the students may go through emotional extremes ranging from excitement with the new culture to depression. I, like most foreign students, had to face the harsh reality of culture shock as I pursued my college career. But it wasn't an easy process. There's no magic pill or vaccine. To be successful, international students should become familiar with the process of culture shock, a process that became my way of feeling at ease with French culture.

59 - According to the passage, culture shock is experienced ..... .

- (1) by almost all international students
- (2) by students not familiar with their own culture
- (3) specially when foreign students do not know the language of the foreign country
- (4) because students who start college are not old enough to take care of themselves alone

60 - According to the passage, an effect of culture shock is ..... .

- |                                                                                                                           |                                                                                                                                        |
|---------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> <li>(1) poor language ability</li> <li>(2) unfamiliar cultural expectations</li> </ul> | <ul style="list-style-type: none"> <li>(3) excitement with the new culture</li> <li>(4) incomprehensible customs and values</li> </ul> |
|---------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|

