

Задание 1

Reading

Task 1

Read the texts below. Match choices (A—F) to (1—5). There are three choices you do not need to use.

Which of these Costa Rica's hotels ... ?

1 _____

Gaia Hotel and Reserve

Gaia is one of the top luxury properties in Costa Rica, but it's also one of the country's best values: the prices are often surprisingly affordable for the level of luxury you get, and freebies abound (an à la carte breakfast, Wi-Fi and a mini spa treatment). Tucked into the hillside of a 14-acre nature reserve, Gaia feels appropriately exclusive and private, and has the attentive, personalized service to match. Rooms are spacious and airy, and the great views are never-ending. Keep your eyes peeled for iguanas, sloths, and the like.

- | | |
|---|---|
| <input type="checkbox"/> has no shuttle service to or from the airport | <input type="checkbox"/> offers a wired Internet only, for a fee |
| <input type="checkbox"/> is European-inspired with lots of character, though the location leaves much to be desired | <input type="checkbox"/> is named after the Greek goddess of the earth |
| <input type="checkbox"/> has an attractive rooftop terrace with hot tubs | <input type="checkbox"/> is no match for the glamorous offerings of other nearby properties |
| <input type="checkbox"/> used to be a private family residence | <input type="checkbox"/> has a pool complex fed by natural spring waters |

Задание 2

Текст к этому заданию смотрите в вопросе 1.

2 _____

Hotel Parador Resort and Spa

A sprawling resort in an area of mostly boutique-sized hotels, Hotel Parador is a relaxed, family-friendly property perched high above the ocean. It's not particularly luxurious or upscale, but it keeps guests happy with several restaurants and bars, 3 pools, a tennis court, a relaxing spa and great ocean views.

☐ has no shuttle service to or from the airport

☐ is European-inspired with lots of character, though the location leaves much to be desired

☐ has an attractive rooftop terrace with hot tubs

☐ used to be a private family residence

☐ offers a wired Internet only, for a fee

☐ is named after the Greek goddess of the earth

☐ is no match for the glamorous offerings of other nearby properties

☐ has a pool complex fed by natural spring waters

Задание 3

Текст к этому заданию смотрите в вопросе 1.

3 _____

Royal Corin Resort & Loto Spa

For a small hotel, this 54-room boutique has a lot to offer: a beautiful hot springs pool complex with natural thermal waters, great views of Arenal volcano, a lovely spa, a bar with an outdoor terrace and an on-site restaurant. Contemporary rooms all have volcano views, but the property feels more developed, and less lush, than others in the area. All in all, though, it delivers the most bang for your buck in the La Fortuna area.

☐ has no shuttle service to or from the airport

☐ is European-inspired with lots of character, though the location leaves much to be desired

☐ has an attractive rooftop terrace with hot tubs

☐ used to be a private family residence

☐ offers a wired Internet only, for a fee

☐ is named after the Greek goddess of the earth

☐ is no match for the glamorous offerings of other nearby properties

☐ has a pool complex fed by natural spring waters

Задание 4

Текст к этому заданию смотрите в вопросе 1.

4 _____

Costa Rica Marriott Hotel

Despite being part of the Marriott chain, this hotel has a lot of character. The Spanish design influence is everywhere, from the terra cotta roofs, to the colorful porcelain tiling, to the central courtyard around which the hotel is wrapped. But although there's plenty to do on the property (driving range, tennis court, spa), the hotel isn't in a very exciting area, and most travellers will prefer to stay in other parts of Costa Rica.

- | | |
|---|---|
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| <input type="checkbox"/> has an attractive rooftop terrace with hot tubs | <input type="checkbox"/> is no match for the glamorous offerings of other nearby properties |
| <input type="checkbox"/> used to be a private family residence | <input type="checkbox"/> has a pool complex fed by natural spring waters |

Задание 5

Текст к этому заданию смотрите в вопросе 1.

5 _____

Hotel Grano de Oro

This former Victorian mansion turned intimate, 40-room hotel features large, homey rooms, a rooftop Jacuzzi, and a renowned fine dining restaurant. Antiques, tinkling fountains, wood floors and artful flower arrangements make it feel like you might be staying in the home of a wealthy colonial-era plantation owner. But it lacks the features a larger hotel — there's no business centre, fitness centre, pool or spa.

[Source.](#)

- | | |
|---|---|
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| <input type="checkbox"/> has an attractive rooftop terrace with hot tubs | <input type="checkbox"/> is no match for the glamorous offerings of other nearby properties |
| <input type="checkbox"/> used to be a private family residence | <input type="checkbox"/> has a pool complex fed by natural spring waters |

Task 2

Read the text below. For questions (6—10) choose the correct answer (A, B, C or D).

The Legend of the Corn

Legend from Indians of America

A long time ago, Indian tribes went to war one against the other. It became very difficult to travel because everyone was suspecting travellers of being spies from the opposite tribe. Nevertheless, a poor old woman and her grandson were going from camp to camp, looking for a tribe that would welcome them because they didn't have a family anymore. However, they were pushed away everywhere.

At last, one day, they arrived at a tribe where they were invited to sit down near the fire and to eat. The chief of the tribe told the old woman:

«You can stay with us, if you aren't afraid of hunger. There's not a lot of game on our lands, but we will be happy to share the little food we have.

— We don't need a lot, the grandmother answered, and I'll work for you. I'll look after the children while the parents are away in search for food.»

The next day, as usual, men went hunting and women left to look for water, to pick fruit and plants. Kids stayed alone. How lucky they were to be able to play all the day, without being bothered by the grown-ups!

But they didn't have anything to eat... The parents would come back from hunting and gathering only in the evening, and their little stomachs found the day quite long.

So, that day, the kids played for long and then, the old woman called them when they began to be tired. They came up to her, very surprised.

— But what are you doing, grandmother? asked one of them.

— I'm boiling corn, she answered, stirring a thick puree in a big pot.

The kids had never seen it, however, as soon as they had eaten, they sat down around the old lady, like chicks snuggled up near their mother hen, and she began to tell them wonderful stories.

From then on, every day was the same. Thanks to the old woman's corn, the children didn't get hungry anymore, and moreover they learnt all kinds of tales!

Months went by and the old woman seemed more and more tired day by day. Nevertheless, she made the children's meal as usual. One day, at twelve o'clock, her grandson found a pot full of puree next to her, however she hadn't been strong enough to get up. She told him:

«I sowed corn and it grew well. But it still has to be watered and weeded. You'll have to take care of it, with the other children.»

These were her last words. However she continued to give puree until the cobs were ripe. That day, when her grandson came into her tent, he didn't find her. Nobody saw her again, ever: she had turned into corn.

Today, if you look at a cob wrapped into its leaves, you will see silver threads: it is the good old woman's hair who brought the corn so that the little Indians didn't starve.

[Source](#).

According to paragraph 1, why was it impossible to travel?

☐ because there were a lot of wars

☐ because there were lots of spies

☐ because there were a lot of Indians

☐ because anyone could be accused of espionage

Задание 7

Текст к этому заданию смотрите в вопросе 6.

What was a poor woman looking for?

☐ a family

☐ her grandson

☐ her tribe

☐ a home

Задание 8

Текст к этому заданию смотрите в вопросе 6.

What were the old woman's duties?

☐ to work for the chief of the tribe

☐ to look for food

☐ to look for water

☐ to look after the children

Задание 9

Текст к этому заданию смотрите в вопросе 6.

Which of the following is NOT true, according to the story?

☐ the children had cornmeal porridge every day

☐ the children had tasted corn puree before

☐ the children learnt lots of fairytales

☐ the children were amazed to see the dish made by the old woman

Задание 10

Текст к этому заданию смотрите в вопросе 6.

What is supernatural in the story?

☐ the benefactress appeared from a plant

☐ the children attributed a gift of a nourishing plant to the woman

☐ the corn cobs represent the old woman's hair

☐ the old woman disappeared forever

Task 3

Read the text below. Choose from (A—H) the one which best fits each space (11—16). There are two choices you do not need to use.

Recycled eggshells can be used for next-gen data storage

By Abigail Beall

If you want to make a computer, you've got to break a few eggs. A new data storage device **(11)** _____ could possibly lead the way to faster, greener computers.

The new device has resistive random access memory, or ReRAM, **(12)** _____ for the next generation of data storage. ReRAM could be faster, provide a higher storage density and use less power **(13)** _____ like flash memory and dynamic RAM.

The team from the Guizhou Institute of Technology in China bought a random selection of eggs from a market and ground the shells for three hours **(14)** _____. After drying, the powder was dissolved in a solution and coated onto a substrate to form the electrolyte part of the memory chip — the bit that the electric current crosses.

Resistive memory relies on materials **(15)** _____ when a voltage is applied to them. The team flowed a current through the device to see **(16)** _____ a ReRAM data storage.

It was able to write a 1 or a 0 into its memory 100 times before breaking down. This is a far cry from the billions of cycles other materials can handle, but still impressive, says Kees de Groot at Southampton University in the UK.

“For such an eccentric article, it is actual, solid, interesting science,” de Groot says.

[Source.](#)

A new data storage device **(11)** _____ could possibly lead the way to faster, greener computers.

- | | |
|--|---|
| <input type="checkbox"/> which is still a long way off | <input type="checkbox"/> than more common methods |
| <input type="checkbox"/> that could be promising | <input type="checkbox"/> if it worked as |
| <input type="checkbox"/> that remember the change in electrical resistance | <input type="checkbox"/> which is a strong contender |
| <input type="checkbox"/> to produce a fine nanoscale powder | <input type="checkbox"/> made from crushed-up eggshells |

Задание 12

Текст к этому заданию смотрите в вопросе 11.

The new device has resistive random access memory, or ReRAM, **(12)** _____ for the next generation of data storage.

- | | |
|--|---|
| <input type="checkbox"/> which is still a long way off | <input type="checkbox"/> than more common methods |
| <input type="checkbox"/> that could be promising | <input type="checkbox"/> if it worked as |
| <input type="checkbox"/> that remember the change in electrical resistance | <input type="checkbox"/> which is a strong contender |
| <input type="checkbox"/> to produce a fine nanoscale powder | <input type="checkbox"/> made from crushed-up eggshells |

Задание 13

Текст к этому заданию смотрите в вопросе 11.

ReRAM could be faster, provide a higher storage density and use less power **(13)** _____ like flash memory and dynamic RAM.

- | | |
|--|---|
| <input type="checkbox"/> which is still a long way off | <input type="checkbox"/> than more common methods |
| <input type="checkbox"/> that could be promising | <input type="checkbox"/> if it worked as |
| <input type="checkbox"/> that remember the change in electrical resistance | <input type="checkbox"/> which is a strong contender |
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Задание 14

Текст к этому заданию смотрите в вопросе 11.

The team from the Guizhou Institute of Technology in China bought a random selection of eggs from a market and ground the shells for three hours **(14)** _____ .

- | | |
|--|---|
| <input type="checkbox"/> which is still a long way off | <input type="checkbox"/> than more common methods |
| <input type="checkbox"/> that could be promising | <input type="checkbox"/> if it worked as |
| <input type="checkbox"/> that remember the change in electrical resistance | <input type="checkbox"/> which is a strong contender |
| <input type="checkbox"/> to produce a fine nanoscale powder | <input type="checkbox"/> made from crushed-up eggshells |

Задание 15

Текст к этому заданию смотрите в вопросе 11.

Resistive memory relies on materials **(15)** _____ when a voltage is applied to them.

- | | |
|--|---|
| <input type="checkbox"/> which is still a long way off | <input type="checkbox"/> than more common methods |
| <input type="checkbox"/> that could be promising | <input type="checkbox"/> if it worked as |
| <input type="checkbox"/> that remember the change in electrical resistance | <input type="checkbox"/> which is a strong contender |
| <input type="checkbox"/> to produce a fine nanoscale powder | <input type="checkbox"/> made from crushed-up eggshells |

Задание 16

Текст к этому заданию смотрите в вопросе 11.

The team flowed a current through the device to see **(16)** _____ a ReRAM data storage.

- | | |
|--|---|
| <input type="checkbox"/> which is still a long way off | <input type="checkbox"/> than more common methods |
| <input type="checkbox"/> that could be promising | <input type="checkbox"/> if it worked as |
| <input type="checkbox"/> that remember the change in electrical resistance | <input type="checkbox"/> which is a strong contender |
| <input type="checkbox"/> to produce a fine nanoscale powder | <input type="checkbox"/> made from crushed-up eggshells |

Задание 17

Task 4

Read the text below. For questions (17—23) choose the correct answer (A, B, C or D).

Art

One can distinguish two branches of human work: the arts and the sciences. The sciences **(17)** _____ knowledge, observation, identification, description, experimentation and theoretical explanation.

The arts on the contrary require skill. That **(18)** _____ the ability to work well with a part of his or her body. It is the **(19)** _____ of talent and technique. An artist is a man who can do something well with his own hands and tools. Some time ago everything that was made with tools was "artificial", not natural. The word "manufacture", for example, once meant "to make by hand"

Everything is a bit different nowadays. The word "art" has a special meaning. It means something beautiful. The paintings of **(20)** _____ painters are appreciated and admired by millions of people today, by those who can see the beauty. Art **(21)** _____ weaving rugs, tapestries, ceramic work. So there are a lot of types of art. **(22)** _____ one can trace basic principles in art. All kinds of it require the same characteristics. The separate parts of a work of art should be arranged in pattern. The form itself, a pleasing shape and balance are extremely important. Art inspires the human spirit. Painters, sculptors, musicians, writers, weavers — they all **(23)** _____ to a better life for us.

[Source.](#)

The sciences **(17)** _____ knowledge, observation, identification, description, experimentation and theoretical explanation.

☐ require

☐ acquire

☐ enquire

☐ inquire

Задание 18

Текст к этому заданию смотрите в вопросе 17.

That **(18)** _____ the ability to work well with a part of his or her body.

☐ means

☐ assumes

☐ involves

☐ intends

Задание 19

Текст к этому заданию смотрите в вопросе 17.

It is the **(19)** _____ of talent and technique.

☐ connection

☐ unity

☐ form

☐ combination

Задание 20

Текст к этому заданию смотрите в вопросе 17.

The paintings of **(20)** _____ painters are appreciated and admired by millions of people today, by those who can see the beauty.

☐

skilled

☐

capable

☐

skillless

☐

qualified

Задание 21

Текст к этому заданию смотрите в вопросе 17.

Art **(21)** _____ weaving rugs, tapestries, ceramic work. So there are a lot of types of art.

☐

consists

☐

comprises

☐

composes

☐

contains

Задание 22

Текст к этому заданию смотрите в вопросе 17.

(22) _____ one can trace basic principles in art.

☐

Otherwise

☐

Nevertheless

☐

Moreover

☐

Although

Задание 23

Текст к этому заданию смотрите в вопросе 17.

Painters, sculptors, musicians, writers, weavers — they all **(23)** _____ to a better life for us.

☐

donate

☐

contribute

☐

furnish

☐

supply

Задание 24

Task 5

Read the text below. For questions (24—30) choose the correct answer (A, B, C or D).

Cracking the hardest mystery of the Rubik's cube

Some people can solve it in seconds, yet the Rubik's cube retains one mystery that is proving far **(24)** _____ to unravel.

Erik Akkersdijk holds the world record for doing it in 7.08 seconds. Thibaut Jacquinot does it with one hand. Seventeen-year-old Joey Gouly likes to do it **(25)** _____ and Zbigniew Zborowski has done it a staggering 3390 times in one day. They are all experts at solving the Rubik's cube, the must-have toy of **(26)** _____ and one of the most popular games in history.

Since the first world championship was established in 1982, the record for solving the Rubik's cube has been slashed from 19 seconds to just over 7 seconds. But it's not just gamers who are interested in solving the Rubik's cube. Mathematicians are just as fascinated by this toy. For them, the question is: how many moves are needed to solve a maximally jumbled-up Rubik's cube? In other words, **(27)** _____ is the smallest number n for which you can be sure that no configuration will require more than n moves to solve?

The answer isn't as straightforward as it **(28)** _____ seem. If you take a completed cube and jumble it up by rotating its faces at random 25 times, it's obvious that you can solve that cube in 25 moves. But that's no guarantee that it **(29)** _____ in fewer than 25 moves, and mathematicians are interested in the optimal solution — the shortest way to solve **(30)** _____ given configuration. Admittedly it's a bit of a fringe problem, but mathematicians take this issue deadly seriously; they refer to that number n as "God's number".

[Source.](#)

Some people can solve it in seconds, yet the Rubik's cube retains one mystery that is proving far **(24)** _____ to unravel.

☐

harder

☐

hard

☐

hardest

☐

hardly

Задание 25

Текст к этому заданию смотрите в вопросе 24.

Seventeen-year-old Joey Gouly likes to do it **(25)** _____ and Zbigniew Zborowski has done it a staggering 3390 times in one day.

☐

blindfolded

☐

blindly

☐

blind

☐

blindingly

Задание 26

Текст к этому заданию смотрите в вопросе 24.

They are all experts at solving the Rubik's cube, the must-have toy of **(26)** _____ and one of the most popular games in history.

☐ the 1980s

☐ the 1980s'

☐ the 1980's

☐ 1980s

Задание 27

Текст к этому заданию смотрите в вопросе 24.

In other words, **(27)** _____ is the smallest number n for which you can be sure that no configuration will require more than n moves to solve?

☐ what

☐ that

☐ which

☐ how

Задание 28

Текст к этому заданию смотрите в вопросе 24.

The answer isn't as straightforward as it **(28)** _____ seem.

☐ must

☐ can

☐ may

☐ might

Задание 29

Текст к этому заданию смотрите в вопросе 24.

But that's no guarantee that it **(29)** _____ in fewer than 25 moves, ...

☐ couldn't solve

☐ couldn't have been solved

☐ couldn't be solving

☐ couldn't be solved

Задание 30

Текст к этому заданию смотрите в вопросе 24.

... and mathematicians are interested in the optimal solution — the shortest way to solve **(30)** _____ given configuration.

☐ any

☐ every

☐ some

☐ each