Раздел 2. ЧТЕНИЕ

10

Установите соответствие между заголовками 1—8 и текстами A—G. Занесите свои ответы в таблицу. Используйте каждую цифру только один раз. В задании один заголовок лишний.

1. Don't Ignore Warning Signs
2. Use Alternative Medicine
3. Staying in Shape Is Important
4. Threat to Your Eyesight
5. Turn a Bad Habit into a Good Idea
6. Fat People Are at Risk
7. Prevention Is Better Than Cure
8. Choose Proper Nutrition

A. There are numerous problems associated with obesity. It is not just a cosmetic problem but also a health hazard. Doctors generally agree that the more obese a person is, the more likely he or she is to have health problems. This is because obesity has been linked to several serious medical conditions. People who are overweight can gain significant health benefits from losing weight.

B. Hey, couch potato! Don't feel guilty indulging in serials or reality shows — use the commercials as an excuse to burn calories. There is probably an average of 15 minutes of commercials in an hour-long programme. If you exercised through each commercial break during just two hours of TV, you'd already have met the recommended amount of daily exercise necessary to reduce health risks.

C. Regular checkups are a valuable tool in maintaining good health. Taking proper care of your health at the right time can help avoid a lot of problems in the future. The main aim of a checkup is to detect illness at an early stage. It's good to find out that you have a health problem before it is too late, so appropriate tests should be done at the right time.

D. Do you mainly exercise for a few weeks in January before you forget your New Year's resolution, and then again when you realise your summer holiday is around the corner? You'd not be alone, but keeping fit is something you should do all year round. You might not be particularly bothered about your appearance or your weight, but keeping fit is as much about what's on the inside as it is what's on the outside.

E. Pain is our body's means to indicate that something is wrong and requires immediate attention. Pain for a short time can be taken care of by a painkiller but if the soreness is lingering for too long, then it requires proper medical expertise. Sometimes life menacing problems have back pain and joint pain as symptoms and can, if neglected, do permanent damage.

F. Think about your car — the higher the grade of the fuel you put in it, the better it runs. Your body works the same way. If you eat healthy foods, you'll be healthier and feel better. Eating well is easy if you're aware of what foods are best for you. But don't worry! Eating healthy food doesn't mean eliminating every single thing you love from your diet.

G. Do you spend more than 3 hours a day working or maybe playing on a computer? If so, you are at a higher risk than casual computer users. Researchers warn that watching a computer screen for six or more hours a day might be linked to a progressive eye disease. This does not mean, however, that people who work on a computer for less than 3 hours a day will not suffer eye complications due to computer use.

A	B	C	D	E	F	G

11

Прочитайте текст и заполните пропуски A—F частями предложений, обозначенными цифрами 1—7. Одна из частей в списке 1—7 лишняя. Занесите цифру, обозначающую соответствующую часть предложения, в таблицу.

To design spacesuits, vehicles and habitats with enough shielding to keep astronauts safe, scientists need to know **A**_____. They can estimate this radiation dose using computer models, but a computer model and real-life can be two wildly different things. Until now, researchers weren't sure **B**_____.

That's where the Phantom Torso comes in. He's an armless, legless, human-shaped mannequin **C**_____. Scientists call him Matryoshka, and like his NASA counterpart Fred, this mannequin is an intrepid space traveller.

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Matryoshka's plastic body is loaded with over 400 dosimeter sensors **D**_____. The sensors are placed in the location of vital human organs. All the data collected is being used by scientists to verify the accuracy of computer models used to predict the safety of space missions for human astronauts.

The Phantom Torso has become a regular sight on the International Space Station over the last four months but now the limbless mummy-like humanoid is back home again. The Phantom Torso has provided the real-world test needed to prove **E**_____. They're accurate to within ten percent of the measured dose. That means these models can be used to plan NASA's return to the Moon or even a trip to Mars.

Lessons learned from Fred and Matryoshka have major implications for NASA's plans to set up a manned outpost on the Moon and eventually to send people to Mars. Protecting astronauts from the harmful effects of space radiation will be a critical challenge for these extended missions.

Now that the Phantom Torso has spent four months on the International Space Station, scientists are learning about the space radiation **F**_____. The results obtained from this experiment could help in the development of countermeasures to the effect of cosmic radiation experienced by astronauts.

1. that Matryoshka endured
2. how much radiation astronauts actually absorb
3. which collect data from galactic cosmic rays and other radiation sources in space
4. whether their models accurately predicted the radiation dose astronauts experience in space
5. that looks like he's wrapped in a mummy's bandages
6. what to do with him
7. that the models used by scientists are essentially correct

A	B	C	D	E	F

Прочитайте текст и выполните задания 12—18. В каждом задании запишите в поле ответа цифру 1, 2, 3 или 4, соответствующую выбранному Вами варианту ответа.

The new teacher arrived in the town with a belief in the educational benefits of paper folding: she had written a pamphlet for other educators entitled '*The Place of Origami in the Classroom*.' One afternoon a week she taught her pupils basic designs and demonstrated more complex constructions. What really added fuel to their spark of interest was her collection of animals, birds and abstract shapes, built up over many years and kept in a specially constructed display cabinet mounted beside the coat hangers. Once the children had mastered the fundamental models and folds, inspired by the treasures from Japan, India and an unpronounceable place, they began to evolve designs and styles of their own.

In no time an origami craze **engulfed** the town. Extra supplies of multi-coloured and textured sheets of square papers were ordered through the local shop. The children also used paper they found in their own homes — shopping lists, music sheets, bills, receipts, old calendars, love letters, cigarette cards, seed catalogues. The fad seeped out into other aspects of town life. Just one example: the forge fashioned square frames that could sit inside a frying pan or on a griddle. This created a perfect receptacle for pouring batter. Skilled children would then fold the square pancake into a variety of shapes to be filled with fruit and cream.

Mrs. Deere, mother of Daniel, the most talented of the children in this speciality, introduced the origami pancake onto the local fountain card circuit. Fountain cards was a game requiring steady hands, a sense of proportion and three decks of cards with the sevens and jacks stripped. This game had all but completely died out, perhaps due to the arrival of a knife factory in the town and its detrimental impact on the manual dexterity of the population. Mrs. Deere was not a skilled fountain card player but Daniel's creations, shaped like flowers and towers with sweet and savoury centres added an extra dimension to her Thursday night game. As Mrs. Peyton said, washing down a pancake swan with some mint tea, 'God spent a long day dreaming up talents of an inconsequential and frivolous nature to distribute to those who missed the main go-around.'

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All this would have passed, perhaps not even lasted as a memory, all these frivolous and inconsequential goings-on, but for an incident involving a boy named Bishop who lived some distance outside the town, formerly a miniaturist and now the only known paper vanisher.

Constructionists and miniaturists: a split in the ranks of origami makers. For the miniaturist the challenge existed in the realm of creating something tiny and perfect, a design fit for a pencil, a match or a knitting needle. Apparently an eight-year-old girl was on the edge of a breakthrough, folding a bee's wing into her signature frog to fit on the head of a pin. For the constructionists a different challenge existed — designing larger and more complex structures and using in some cases non-paper materials. It was acknowledged that the Peytons' daughter, Casen, was head and shoulders above all others. She was perhaps the only one with the vision and skills to reunite the two schools, but was blighted by her parents' ambition for her in the realm of tapestry weaving, a proud family tradition.

Left to his own devices on a Saturday afternoon, Bishop had run out of craft paper and wished to practise a sleeping cat design. Having exhausted all other supplies in the house, he picked out an old letter that was on top of photographs and documents kept in a shoebox in his mother's wardrobe, took it to his room and began folding. If all had gone to plan, he would have replaced the paper and his mother would be none the wiser. Absently, whilst warming up his fingers he folded the paper in half eight times, the maximum number of folds a square of paper could take, irrespective of size. He squeezed the tiny paper one more time, willing it to halve again and the impossible happened. The paper completely disappeared from between his thumb and first finger. It folded into nothing.

12 The new teacher intended

1) to get benefits from paper folding.
2) to use paper folding for educating children.
3) to make origami more popular with children.
4) to teach educators to use origami in the classroom.

Ответ: _____.

13 The new teacher kept her collection of animals, birds and abstract shapes in

1) a wardrobe.
2) a special box placed beside the coat hangers.
3) a specially equipped room.
4) a special piece of furniture.

Ответ: _____.

14 In paragraph 2 **'engulfed'** means

1) got over 2) held over 3) turned over 4) took over

Ответ: _____.

15 Fountain cards game was almost forgotten because

1) the popularity of the knife factory among the population had increased.
2) the knife factory had had a positive impact on manual skills.
3) the manual skills of the population had worsened owing to the knife factory.
4) other activities had appeared after the arrival of a knife factory in the town.

Ответ: _____.

16 Casen could have reunited the two schools unless

1) her parents had prevented her from doing this.
2) she had wanted to follow the family tradition in tapestry weaving.
3) she had been head and shoulders above all others.
4) she had had the vision and skills.

Ответ: _____.

17 Bishop had to use an old letter for his new design because

1) it was easy to find.
2) he was exhausted by looking for other supplies in the house.
3) of a total lack of paper.
4) no other craft paper suited for his sleeping cat design.

Ответ: _____.

18 The paper completely disappeared because

1) it was too old for origami.
2) Bishop was inattentive.
3) Bishop had folded the paper in half eight times.
4) it was Bishop's plan.

Ответ: _____.

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