

TEST 11
READING

Task 1

Read the text below. Match choices (A-G) to (1-5). There are two choices you do not need to use.

SOME FACTS ABOUT THE DEVELOPMENT OF THE NUMBER SYSTEM

1 _____.

There was a time when men did not know how to count. The origin of numbers and counting is hidden behind prehistoric ages. No one knows when counting first began. Counting represents a very important milestone in the progress of civilization. At first there were no names for numbers; so counters were used. For counters men used sticks, small stones, fingers, and sometimes even toes. The numerals are called digits from the Latin, meaning finger.

2 _____.

One of the greatest mathematicians was the Greek Archimedes (287 — 212 B. C.) who developed mathematics which could be applied to the laws of nature.

3 _____.

The civilization of ancient Rome, great in many other fields, contributed little to mathematics. During the Renaissance period, we find the tribes of Moslems coming to Europe, bringing with them the culture of many civilizations, including a strange number system taken from the Hindus. Only about 400 years ago a great French mathematician and philosopher Rene Descartes represented number pairs by points.

4 _____.

This creation made possible a great advance in science and mathematics. Isaac Newton (1642–1727), one of the greatest minds of all time, was one of the inventors of the calculus which is now studied by students who are seriously interested in mathematics or physical science.

5 _____.

Few discoveries in the world science can equal the discovery of Lobachevsky (1792 — 1856). Like Archimedes, Galileo, Copernicus and Newton, Lobachevsky is one of those who laid the foundations of mathematical science. Lobachevsky created one of the greatest masterpieces in mathematics — non-Euclidean geometry, one of the greatest achievements in mathematics.

- A Ancient Greeks were great in mathematics
- B Rene Descartes represented number pairs by points
- C Non-Euclidean geometry was created by Lobachevsky
- D People do not know when counting first began
- E A well-developed number system was taken from Greeks
- F Isaac Newton was one of the inventors of the calculus
- G Mathematics which could be applied to the laws of nature was developed by Archimedes

	A	B	C	D	E	F	G
1							
2							
3							
4							
5							

Task 2

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

THE POWERFUL INFLUENCE OF WEATHER

Weather has a powerful effect on people. It influences health, intelligence, and feelings.

In August, it is very hot and wet in the southern part of the United States. Southerners have heart attacks and other kinds of health problems during this month. In the Northeast and the Middle West, it is very hot at some times and very cold at other times. People in these states tend to have heart attacks after the weather changes in February or March.

The weather can also affect intelligence. For example, in 1938 the IQ [intelligence quotient] scores of a group of undergraduate college students were very high during a hurricane, but after the

Thanks to companies like PayPal, it is possible to hold a digital account with digital funds, but still have access to real currency when it is needed. With a PayPal debit card, you can withdraw money from an ATM. You can also use it wherever branded cards are accepted. Some stores, such as Home Depot, allow you to access your PayPal balance directly from a payment terminal. This is possible because of the Internet.

Which of the paragraphs tells you that _____

- A information is available like never before?
- B communication happens globally and in real time?
- C you can become active about anything you are passionate about?
- D we get more stuff done in less time?
- E digital payments increase the speed of transactions?
- F people can connect with one another more often?
- G the Internet can become an addiction?
- H it has decreased personal privacy?

	A	B	C	D	E	F	G	H
11								
12								
13								
14								
15								
16								

Task 4

Read the text below. Choose from (A-H) the one which best fits each space (17-22). There are two choices you do not need to use.

NATURAL CATASTROPHES

We, humans, now dominate the Earth — and our planet is in grave (17) _____ from our activities.

But from time to time the Earth (18) _____ us, warns of the danger of killing the planet and ourselves. We have to be very careful what we do with nature, provoking to some extent (19) _____ like drought, sandstorm and famine in Africa, flood in Netherlands, hurricanes in the USA, volcanoes and earthquakes in Turkey, Japan, Mexico, Italy, Armenia, typhoons and tidal waves, landslide and fire. Natural disasters (20) _____ and people all over the world come to help the regions where the catastrophe (21) _____. Different countries send to the area of the natural disaster food and medical supplies, as well as doctors, nurses, blankets, tents and clothes.

Natural catastrophes, being great tragedies, teach us (22) _____ to the other people and to our planet — the Earth.

- A make big problems
- B rather cosy
- C threatens
- D very useful
- E natural disasters
- F to be merciful
- G has happened
- H danger of suffering

	A	B	C	D	E	F	G	H
17								
18								
19								
20								
21								
22								

USE OF ENGLISH

Task 5

Read the text below. For questions (23-27) choose the correct answer (A, B, C, or D).

A CAR ACCIDENT (Part 1)

I was on my way home from work when my terrible car accident took place. As I drove my car around the (23)_____ of the expressway exit, I saw a number of cars ahead of me, backed up because of a red light at the (24)_____ road. I slowly came to a stop behind a dozen or more cars. In my back-view mirror, I then noticed a car coming up behind me that did not (25)_____ or stop. I had a horrible, (26)_____ feeling as I realized the car would hit me. I knew there was (27)_____ I could do to signal the driver in time, nor was there any way I could get away from the car.

- | | | | | |
|----|-------------|--------------|-------------|--------------|
| 23 | A turn | B trajectory | C curve | D back |
| 24 | A special | B great | C general | D main |
| 25 | A delay | B relax | C slow down | D retard |
| 26 | A dependent | B helpless | C disabled | D friendless |
| 27 | A anything | B everything | C something | D nothing |

Task 6

Read the text below. For questions (28-32) choose the correct answer (A, B, C, or D).

A CAR ACCIDENT (Part 2)

Minutes after the (28)_____, I picked up my glasses, which were on the seat beside me. My lip was bleeding, and I got out a (28)_____ to wipe it. The police arrived quickly, along with the ambulance for the driver of the car that (30)_____ me. My car (31)_____ so _____ that it had to be towed away. Today, eight years after the accident, I still relive the details of the (32)_____ whenever a car gets too close behind me.

- | | | | | |
|----|---------------|-----------------|--------------|--------------|
| 28 | A crash | B opposition | C smash | D collision |
| 29 | A mass | B tissue | C stuff | D collection |
| 30 | A knocked | B hit | C stroke | D thumped |
| 31 | A was damaged | B was hurt | C was ruined | D was spoilt |
| 32 | A knowledge | B participation | C adventure | D experience |