



miejsce na naklejkę z kodem

II termin
07.07.2022

SPRAWDZIAN

UZDOLNIEŃ KIERUNKOWYCH

czas pracy: 60 minut

SUMA PUNKTÓW ___ / 50

CZĘŚĆ I: Język angielski

TASK 1

Choose the correct answers a, b, c or d:

- 1 I'm sorry, but I don't really trust Tom. I don't think he's very ____.
A honest B popular C cheerful D polite
- 2 What were you doing when you ____ the message?
A were getting B got C get D getting
- 3 Olivia didn't ____ to like coffee, but she loves it now.
A use B usually C used D uses
- 4 They're showing the first ____ of a new sitcom tonight.
A episode B scene C act D chapter
- 5 Is London ____ as Beijing?
A big B more big C as big D bigger
- 6 Patrick ____ to the dentist's tomorrow. His appointment is at ten.
A goes B is going C will go D is going to go
- 7 We have to study English, it's ____.
A demanding B literate C flexible D compulsory

- 8 You ___ your exams if you don't do any work.
A aren't passing B didn't pass C won't pass D don't pass
- 9 Stop! You ___ go on a red traffic light!
A don't have to B needn't C mustn't D don't need to
- 10 I'll go to the ___ for some carrots.
A butcher's B baker's C newsagent's D greengrocer's
- 11 I phoned the ticket office, but it ___ closed.
A has already B already C is already D had already
- 12 That shirt really ___ your coat.
A matches B looks like C fits D suits
- 13 The athletes are out on the running ____.
A course B track C court D pitch
- 14 This ___ be our hotel. It's too old and dirty.
A could B mustn't C might D can't
- 15 We live in ___ west of the country.
A the B an C a D –
- 16 My brother, ___ wife is British, lives in London.
A whose B which C who D that
- 17 I'm sorry. I'm allergic ___ pollen.
A for B from C to D with
- 18 Be careful, we ___ by those two men in that van over there.
A are watching B have watched
C are watched D are being watched
- 19 My grandparents couldn't come to the party. ___ of them are ill.
A Either B Both C All D A couple
- 20 Don't be late for the dinner, ___?
A do you B don't you C will you D won't you

TASK 2

Using the words in capital letters, complete each sentence with a blank to keep the meaning of the original sentence. Full spelling and grammatical correctness of the entered sentence fragments is required.

ATTENTION! Do not change the form of the words given. You can enter up to three words in each blank, including the word already provided.

1. When did you buy this car? **HAVE**

How long _____ this car?

2. I didn't like basketball before, but now it's my favourite sport. **TO**

I didn't use _____ basketball, but now it's my favourite sport.

3. The delivery arrived in the middle of my dinner. **I**

The delivery arrived while _____ my dinner.

4. Did you enjoy playing computer games when you were a child? **KEEN**

_____ on playing games when you were a child?

5. Tom is thinking of studying different languages in the future. **GOING**

Tom is _____ different languages in the future.

6. George's wedding is this Sunday. **MARRIED**

George _____ this Sunday.

7. This necklace is really old – my grandmother gave it to me. **WAS**

This necklace is really old – it _____ me by my grandmother.

8. The doctor says that I should give up smoking. **STOP**

The doctor says that I _____ smoking.

9. A passport is not necessary when you go to France. **HAVE**

You _____ to have a passport when you go to France.

10. My friend fell asleep during the movie because it was boring. **THAT**

The movie was _____ my friend fell asleep.

11. Skateboarding is not as easy as skiing. **THAN**

Skiing _____ skateboarding.

CZEŚĆ II: Matematyka

TASK 1

The shop has announced a seasonal 15% price reduction. Jacket costs 170 PLN. How much will it cost after the discount?

Answer: _____

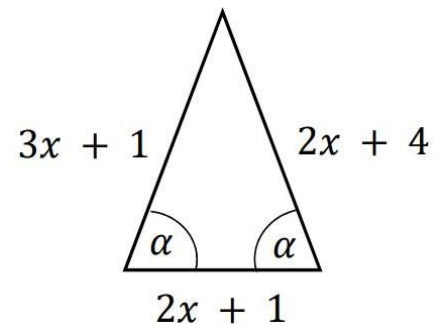
___ / 1

TASK 2

The side lengths in an isosceles triangle are given by the expressions as in the picture below. Choose the correct answer.

The perimeter of the triangle is equal to:

- a) 13
- b) 21
- c) 27
- d) 30



___ / 2

TASK 3

Mrs Kate bought a dress, a jacket and a hat in the shop, and paid for it in total 384 PLN. The hat was 20% cheaper than the dress, and the jacket was 40% more expensive than the dress. How much did the dress cost, how much the jacket and how much the hat?

Answer: _____

___ / 2

TASK 4

The number $\frac{6^8}{2^4}$ is equal to:

- a) 3^2
- b) 3^4
- c) $2^2 \times 3^8$
- d) $2^4 \times 3^8$

___ / 1

Brudnopis

CZEŚĆ III: Biologia

TASK 1

Complete the table with genotypes of the indicated human blood groups. Mark alleles with: I^A , I^B , i .

Blood group (phenotype)	Genotypes of homozygotes	Genotypes of heterozygotes
B		
AB		
0		

___/ 1

TASK 2

In a DNA molecule, two polynucleotide chains are linked by hydrogen bonds between complementary base pairs of these chains' nucleotides.

Mark in the table below the column (A-D) which correctly presents complementary base pairs in a DNA molecule.

A.	B.	C.	D.
C - G	C - T	C - G	A - U
G - C	T - C	G - C	U - A
T - U	G - A	A - T	C - G
U - T	A - G	T - A	G - C

Key
"_" hydrogen bonds
A - adenine
C - cytosine
G - guanine
T - thymine
U - uracil

___/ 1

TASK 3

How plants make carbohydrates from carbon dioxide and water?

- Using photosynthesis.
- Using respiration.
- By combining it with nitrate ions.

___/ 1

TASK 4

Vitamins are essential for health and must be a part of daily diet. The table below specifies selected vitamins and their functions.

Match vitamins (1-4) with their functions in human body (A–D).

Vitamins	Functions
1. Vitamin C	A. is important for the sense of sight and proper epithelial growth
2. Vitamin A	B. plays an essential role in blood coagulation and participates in the production of prothrombin in the liver
3. Vitamin D	C. improves body immunity, stimulates wound healing, and is essential in collagen synthesis
4. Vitamin K	D. regulates the deposition of calcium and phosphorus in bones, stimulates absorption of calcium in intestines

1. 2. 3. 4.

___ / 2

TASK 5

Arrange the following structural elements of human respiratory system in the order reflecting the passage of air to lungs.

- 1. trachea, 2. bronchus, 3. nasal cavity, 4. alveoli,
- 5. larynx, 6. bronchioli, 7. throat

.....

___ / 1

CZEŚĆ IV: Geografia

TASK 1

The religion followed by most inhabitants of the Sahel countries is:

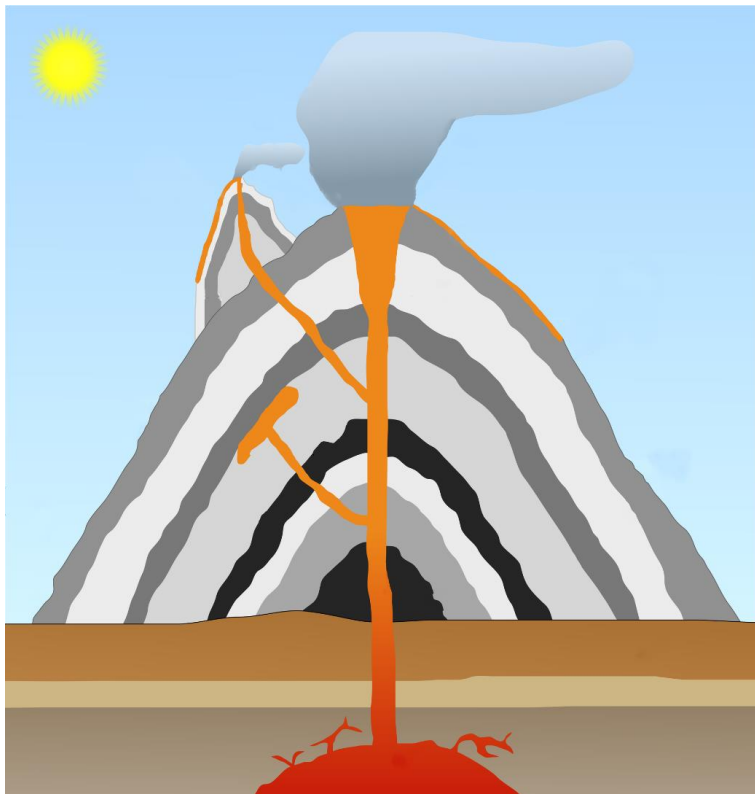
- a) Islam
- b) Judaism
- c) Hinduism
- d) Buddhism

___ / 1

TASK 2

Place the names of the volcano construction elements:

Crater, cloud of ash, magma chamber



___ / 3

TASK 3

A widely known symbol of Japan is the flower of a fruit tree. Which one?

- a) Apple
- b) Plum
- c) Pear
- d) Cherry

___ / 1

TASK 4

Climate componets:

- a) e.g. air temperature, precipitation, atmospheric pressure
- b) e.g. location in relation to land and sea
- c) unite of the world's climate

___ / 1

TASK 5

Match the pairs: English words (1-3) with Polish definitions (a-c):

- 1) natural border _____
- 2) Poland's sea border _____
- 3) area of the territory of Poland _____

a) wynosi 322 575 km² i obejmuje obszar lądowy (311 888 km²), morskie wody wewnętrzne (2 005 km²) i morze terytorialne (8 682 km²)

b) granica wyznaczona wzdłuż naturalnych przeszkód, np. biegnąca grzbieciami gór, wzdłuż rzeki, brzegu morza czy jeziora; może także przebiegać przez bagna, niedostępne puszcze lub inne naturalne przeszkody

c) umowna linia biegnąca wzdłuż wybrzeża naszego kraju, oddalona od linii brzegowej o 12 mil morskich oraz dwa odcinki oddzielające obszar morza terytorialnego należący do Niemiec i Rosji; jej długość wynosi 440 km

___ / 1