

AJ

**Březen II / Marec II
2024**

Počet účastníků: 1935
Čistá úspěšnost: 48,5 %
Korig. úspěšnost: 48,7 %
Hrubá úspěšnost: 56,2 %
Průměrné skóre: 29,1
Medián skóre: 29,7

Počet úloh: 60
Max. možné skóre: 60,0
Max. dosažené skóre: 60,0
Min. možné skóre: -17,3
Min. dosažené skóre: -8,0
Směr. odchylka skóre: 15,7

1. Listening

Listening 1

You will hear a text which is followed by several tasks. You will be given time to look through the relevant tasks before you listen. You will hear the recording twice. Solve the tasks based solely on the information in the recording.

QUESTIONS 1–6

Why is attention deficit hyperactivity disorder (ADHD) missed in girls?

1.

How do people stereotypically imagine someone with ADHD?

- (A) as someone screaming very loudly
- (B) as a boy jumping around the room**
- (C) as a girl fighting over a doll
- (D) as a boy who is frequently absent from school

2.

Which of the following is **not** mentioned in the recording to be one of the ADHD symptoms?

- (A) low organisational skills
- (B) physical struggles with classmates**
- (C) forgetting stuff
- (D) a tendency to get distracted

3.

According to the recording, which of the following statements about ADHD is true?

- (A) In most cases, it disappears by adolescence.
- (B) It is rarely outgrown.**
- (C) It develops and matures, becoming milder as the sufferer is growing up.
- (D) It can only be reliably diagnosed in children.

4.

Symptoms of ADHD that boys have are, in comparison to those that girls have, _____.

- (A) more diverse**
- (B) more connected to violence and aggression
- (C) more often faked
- (D) more of a physical nature rather than psychological

5.

Girls need to _____ to be diagnosed with ADHD.

- (A) have a co-occurring mental health disorder
- (B) downplay their symptoms
- (C) manifest fatigue and exhaustion
- (D) show more distinct symptoms than boys**

6.

Parents have a tendency to _____.

- (A) be stricter with those of their children who have ADHD
- (B) perceive an innocent play of an ADHD child as misbehaving
- (C) exaggerate hyperactivity traits in children of one sex**
- (D) be certain their child has ADHD too if they have it themselves

1. Listening

Listening 2

You will hear a series of short unrelated extracts. There is one task for each extract. You will be given time to read the relevant task before you listen. You will hear each extract twice. Solve the tasks based solely on the information in the recording.

7.

You hear information about a plant called Mexican yam.

Diosgenin, a substance found in the plant, _____.

- (A) used to be given to pregnant women to promote a healthy pregnancy
- (B) is only found in the plant's swollen starchy underground stems
- (C) inhibits the production of steroids in the human body
- (D) **was used to prevent women from conceiving**

8.

You hear someone talk about a recent invention.

The invention serves to _____.

- (A) protect walls, pavements and other buildings from UV light
- (B) **convert UV light into visible light even without direct exposure to the sun**
- (C) grow fruit and vegetables by exposing crop waste to light
- (D) generate visible light while facing the sun, similarly to solar panels

9.

You hear news about a crime that happened in Uzbekistan.

What did the crime involve?

- (A) stealing a bride
- (B) **livestock theft**
- (C) killing a cow and a sheep
- (D) stealing an expensive car

10.

You hear information about a new law proposed by the Australian capital city of Canberra.

The law attempts to _____.

- (A) increase the number of peacocks living in the city
- (B) **reduce the city's peafowl population**
- (C) only allow male peacocks to move freely around the city
- (D) introduce traps to make it easier for peacocks to catch their prey

11.

You hear about a record created by Nadub Gill.

What does the recording say about Nadub?

- (A) He has been solving math problems for ten years.
- (B) **He managed to solve almost 200 problems in a set time limit.**
- (C) His record was not acknowledged eventually due to many errors.
- (D) He solved a problem concerning the speed of light.

12.

You hear about recent research on scorpions.

The researchers discovered that _____.

- (A) scorpions can no longer mate when losing a part of their digestive track
- (B) those scorpions that are frequently constipated can escape a predator more easily
- (C) while mating, scorpions usually lose the last part of their digestive track
- (D) **scorpions' mating prospects are not compromised when they detach a body part**

2. Reading

Reading 1

Read the following text and solve the tasks based solely on the information in it.

QUESTIONS 13–20

Loss of EU funding clips wings of vital crow study in Cambridge

One of Britain's most important, and unusual, centres for studying cognition is facing imminent closure as a result of Brexit – the withdrawal of the UK from the European Union. Set up 22 years ago to study the minds of crows, rooks and other birds noted for their intelligence, the Cambridge Comparative Cognition Laboratory is about to close down in July.

Its director, Professor Nicola Clayton, told the Observer she was devastated by the prospect of ending her research there. “The problem lies with Britain leaving the EU,” Clayton said. “Our prime funding was provided by a grant from the European Union. **(A)**”

The Comparative Cognition Laboratory is based in Cambridge, and is currently home to a total of 7 rooks and 25 jays. Both species are members of the crow – or *corvidae* – family, which is noted for its keen intelligence. In colloquial English, birds which belong to the crow family are usually called corvids. These Einsteins of the avian world can make tools, a skill that was previously thought to be possessed only by humans and a few other mammals. **(B)**

“Corvids are as intelligent as chimpanzees,” said Clayton. “They create stashes of food, so they can obviously plan for the future. **(C)** More importantly, they also try to find other corvids’ stashes and that is a very good model for a theory of mind. If you’re going to steal the stashes of other birds, you have to be able to put yourself in their minds and understand where they might have put their food. **(D)**”

Other research has shown that corvids have strong memories of past events. And, in another experiment at the laboratory, Clayton presented crows with pebbles and a pitcher containing water that was too low for them to reach. Unfazed, the birds grasped the pebbles in their beaks and dropped them into the pitcher so that the level of the water rose and they could drink it.

The prospect of closure facing the Cambridge laboratory adds to growing fears among senior researchers about a Brexit backlash that is now hitting British science. For example, this month it was revealed that Cambridge astronomer Nicholas Walton had been forced to pass on his leadership role of a €2.8m star mapping project to a colleague in the Netherlands because the UK’s membership of the Horizon research programme which funds the project has not been ratified. He had been approved for Horizon funding but must now take a passenger seat in his own project.

Similarly Carsten Welsch, a physicist at Liverpool University who won funding for long-term plasma research, faces the dilemma of having to move to the EU or handing over leadership to an EU institution. “This is really heartbreaking, given the long track record in scientific collaboration between the UK and EU. We need to collaborate – the days of solo science are long gone, with collaboration responsible for success in everything from the development of Covid vaccines to the discovery of a new extrasolar planet.”

13.

In July, the Cambridge Comparative Cognition Laboratory is _____.

- (A) set to cease operation**
- (B) undergoing a temporary shutdown**
- (C) about to be expanded**
- (D) going to conduct new research on birds**

14.

According to the text, what is “corvidae”?

- (A) a colloquial name for birds belonging to the crow family**
- (B) a particular species of crow**
- (C) a bird family which contains for example jays**
- (D) a scientific term for the nest of rooks or jays**

15.

According to the text, what makes the researchers think that corvids can plan for the future?

- (A) That they stock up on provisions.**
- (B) That they willingly share their stashes.**
- (C) That they hardly ever store food.**
- (D) That they can transport pebbles in their beak.**

16.

During the experiment described in the fifth paragraph of the text, the birds _____

- (A) knocked over a pitcher using their beaks**
- (B) transported pebbles in their beaks from one pitcher to another**
- (C) used a straw to reach the water level in a pitcher**
- (D) threw small stones into a container with water**

2. Reading

17.

The word “unfazed” in the fifth paragraph of the text is closest in meaning to _____.

- (A) uneasy
- (B) unfortunate
- (C) clumsy
- (D) **undisturbed**

18.

According to the text, which two of the following research projects will be affected by Brexit?

1. a project to map stars
 2. a project to develop Covid vaccines
 3. a project to explore a new extrasolar planet
 4. a project to study plasma
- (A) 1 and 2
 - (B) 1 and 3
 - (C) **1 and 4**
 - (D) 2 and 4

19.

Which of the following options best sums up the overall message of the text?

- (A) Research in the UK will hardly be impacted by Britain leaving the EU.
- (B) The Cambridge Comparative Cognition Laboratory may soon have to move to the EU.
- (C) It has been shown that crows can make tools and plan for the future.
- (D) **Due to Britain leaving the EU, several research projects will lose funding, such as the research on corvids in Cambridge.**

20.

Look at the four letters (A) to (D) in the text. These indicate where the following sentence could be added to the text.

Recognising that another entity has a mind like your own – that is very advanced.

Where would the sentence best fit?

- (A) (A)
- (B) (B)
- (C) (C)
- (D) **(D)**

2. Reading

Reading 2

Answer the following questions using **only** the information given in or implied by the text.

21.

Because of his mother's curse, King Lleu could not marry a human wife. His uncle, the sorcerer Gwydion, therefore made him a flower bride – Blodeuwedd. But while Lleu was fighting in a war, Blodeuwedd fell in love with Gronw and together they hatched a plan to kill her husband. Lleu could only be killed under specific conditions, however, which Blodeuwedd found out from him and demanded that he show her how they could occur. During this demonstration, Gronw pierced him with a spear, and together with Blodeuwedd took his place, seized control of the country and became king and queen. When Gwydion heard of this, however, he brought Lleu back to life. Lleu then killed Gronw, and Gwydion cursed Blodeuwedd into the form of an owl.

Which of the following statements can be inferred from the text with certainty?

- (A) For some time, Gronw reigned over the land where Lleu had previously been the ruler.
- (B) Although Blodeuwedd was made for her husband, she always detested him.
- (C) Lleu managed to convince the sorcerer Gwydion to kill Gronw.
- (D) Neither Gronw nor Gwydion had magical powers.

22.

At the end of the 19th century, the so-called high wheels – early bicycles – became widespread. These wheels were developed to make better use of the force transmitted from the legs to the wheel by having a large front wheel and a small rear wheel. However, this design of the wheel had major drawbacks in terms of instability and the risk of falling off the wheel. Therefore, the so-called tricycle was invented, with two large wheels at the rear and one small wheel at the front.

Which of the following statements can be inferred from the text with certainty?

1. The tricycle was more unstable than the high wheel.
 2. If the high wheel did not have a significantly bigger front wheel than the rear wheel, it would be less safe to ride.
 3. The danger of falling off the high wheel was one of the negative aspects of its design.
- (A) none
 - (B) only 1
 - (C) **only 3**
 - (D) 2 and 3

23.

Since 1850, boat transport on the river Elbe has improved because the United Hamburg-Magdeburg Steamship Company introduced chain boats that used chain laid along the river bed. The system was quite simple: the chain went through a drum winch on the deck, propelling the boat forward, and then was lowered once more onto the riverbed. This was not an Elbe invention; chain boats had already proven successful much earlier on the river Seine in France.

Which of the following statements can be inferred from the text with certainty?

- (A) The Hamburg-Magdeburg Steamship Company first tested the chain boats on the river Seine.
- (B) Until the mid-19th century, it was not possible to use chain boats.
- (C) The chain system introduced on the river Elbe prevented boats from sinking.
- (D) **Chain boats were already in use on the river Seine before 1850.**

24.

After the Nazis' rise to power in Germany, expressionism was labelled a degenerate art movement that opposed the cult of the new German superhuman. Expressionist works of art together with works of other progressive art movements were touring Germany and Austria as part of the "*Degenerate Art*" exhibition aimed at ridiculing the representatives of these art movements and especially the works themselves. Quite often, though, it provoked the very opposite reaction.

Which of the following statements can be inferred from the text with certainty?

1. Political parties always have a clear idea of what art should be popular.
 2. The advocated cult of the new German superhuman was not acknowledged at all in artistic circles.
 3. Expressionism was not the only art movement ridiculed in Nazi Germany.
- (A) only 1
 - (B) only 2
 - (C) **only 3**
 - (D) 2 and 3

2. Reading

25.

Industrial fishing methods do not only pillage fish, but also kill many small cetaceans that get stuck in giant nets. Reckless fishing methods are still used in many areas of the Pacific Ocean despite measures that restrict them. According to the World Wide Fund For Nature, this brought at least three cetacean species to the very brink of extinction.

Which of the following statements can be inferred from the text with certainty?

1. Industrial hunting of small cetaceans in the Pacific Ocean has almost led to the extinction of most of their species.
2. The World Wide Fund For Nature has taken several steps to ban fishing altogether in the Pacific Ocean.
3. According to the World Wide Fund For Nature, only three cetacean species still live in the Pacific Ocean due to reckless fishing.

- (A) none
(B) only 2
(C) only 3
(D) 1 and 2

26.

The decline in biodiversity is a global issue caused by an ever-accelerating extinction of animal and plant species, the disappearance of natural and near-natural biotopes, and a decline in the genetic variability of organisms.

Which of the following statements can be inferred from the text with certainty?

- (A) The genetic variability of organisms should decline for biodiversity to be preserved.
(B) **Animal and plant species are going extinct faster nowadays than in the past.**
(C) The disappearance of natural biotopes leads to the emergence of new genetic variations of organisms.
(D) The increase in genetic variability of organisms will lead to the appearance of new biotopes.

3. Use of English

Multiple choice cloze

Fill in the numbered gaps in the following short texts with the most suitable word or phrase from the options offered.

QUESTIONS 27–33

D-day tribute or theme park? Battle rages over Normandy plan

A row has erupted in France over plans for a new D-day attraction near the landing beaches, which critics have (27) to a Disney-style theme park.

The multimillion-euro project to retell the story of *le débarquement* of 6 June 1944 and the subsequent Battle of Normandy in a hi-tech 45-minute “immersive show” has (28) a furious war of words, with opponents describing it as disrespectful to those who died and their families.

On one side are promoters of the €90m *Hommage aux Héros project*, who insist it will be a historically (29) and appropriate tribute. On the other, angry locals and veterans’ families have nicknamed the project “D-day Land”, accusing the businesspeople behind it of reducing one of the bloodiest events in European history to a money-spinning tourist attraction.

A public planning consultation is running until 7 October. If the attraction (30), it will be built on a 75-acre site at Carentan-les-Marais. Its backers hope it will open in 2025 and attract 600,000 visitors a year. But there is a petition with 700 names of people opposed to the plan, including historians and relatives of Normandy veterans, (31) that their memory should be treated as a tourist attraction.

On 6 June 1944, 156,000 British and allied troops stormed the beaches of Normandy in Operation Overlord. More than 425,000 allied and German troops were killed, wounded or went missing in the Battle of Normandy. Since then, veterans and their families (32) an annual pilgrimage to the landing areas. In recent years their numbers have dwindled (33) the old soldiers have died. In their absence, *Hommage aux Héros* aims to appeal to a younger audience, drawing visitors with a show in an amphitheatre seating 1,000 spectators, telling the D-day story through actors and archive footage.

27.

- (A) likely
- (B) liken
- (C) likened
- (D) alike

28.

- (A) spoken
- (B) sparked
- (C) strained
- (D) suppressed

29.

- (A) misleading
- (B) flawed
- (C) unreliable
- (D) accurate

30.

- (A) will be approved
- (B) has approved
- (C) approves
- (D) is approved

31.

- (A) appalling
- (B) are appalled
- (C) appalled
- (D) appal

32.

- (A) have made
- (B) have been made
- (C) had made
- (D) will make

33.

- (A) but
- (B) so that
- (C) as
- (D) although

3. Use of English

QUESTIONS 34–40

Battle of survival

A Scottish woman has won one of the world's hardest ultra triathlons, crossing the line (34) just under 12 hours. Eilidh Prise finished first in the Norseman Xtreme Triathlon in Norway, (35) of a 3.8km swim, a 180km bike ride and a marathon.

Prise, 26, (36) BBC Scotland: "For me it wasn't a race, it was an individual battle of survival. I never had any expectations of winning. At the mountain top plateau, the temperature was 2°C with 30mph winds. You are swimming in a cold fjord for almost four kilometres. It's just you against the (37) : the wind, the rain, everything. It was an incredible race and an incredible day."

(38) her success, Prise, who has a full-time job, does not know if she (39) again. "I feel like I've done it once, won it once, I don't know if I could ever (40) that," she said. "I don't have a coach, I don't have any sponsors. I just really enjoy riding my bike and running. I got a last minute entry. I jumped at the chance – quite literally. You jump off a ferry to start with."

34.

- (A) for
- (B) on
- (C) in
- (D) during

35.

- (A) involving
- (B) containing
- (C) including
- (D) **consisting**

36.

- (A) said
- (B) **told**
- (C) admitted
- (D) reported

37.

- (A) features
- (B) substances
- (C) **elements**
- (D) traits

38.

- (A) **Despite**
- (B) In spite
- (C) Even if
- (D) However

39.

- (A) has competed
- (B) will be competed
- (C) **will compete**
- (D) will have competed

40.

- (A) throw
- (B) tip
- (C) **top**
- (D) over

3. Use of English

Grammar and Vocabulary

Fill in the gaps in the following sentences with the most suitable word or phrase from the options offered.

41.

In one of her experiments, Gollan analysed the language-switching abilities of Spanish-English bilinguals by having them read aloud paragraphs that were just in English, just in Spanish, and paragraphs that haphazardly mixed both English and Spanish.

In the context of the sentence above, the word “haphazardly” is closest in meaning to _____.

- (A) wrongfully
- (B) **randomly**
- (C) steadily
- (D) orderly

42.

Having concerns about how you look is not in itself a mental illness, but it can trigger a range of problems.

In the context of the sentence above, the word “trigger” is closest in meaning to _____.

- (A) accompany
- (B) suppress
- (C) heal
- (D) **set off**

43.

Existential angst derives from an inherent conflict between the human need to find meaning in life and the fact that we are living within an irrational world.

In the context of the sentence above, the word “angst” is closest in meaning to _____.

- (A) appreciation
- (B) annihilation
- (C) progress
- (D) **anxiety**

44.

Alternative medical treatments are scorned by numerous practitioners, who claim these are not based on scientific knowledge.

In the context of the sentence above, the word “scorned” is closest in meaning to _____.

- (A) admired
- (B) recommended
- (C) **not respected**
- (D) used

45.

I will not correct every single mistake, only those that impede communication. Readers have to understand what you want to say.

In the context of the sentence above, the word “impede” is closest in meaning to _____.

- (A) facilitate
- (B) clarify
- (C) **hinder**
- (D) ignite

46.

The cave paintings are thought _____ over 10,000 years ago.

- (A) to have made
- (B) to have been making
- (C) having been made
- (D) **to have been made**

47.

Taking _____ everything _____ consideration, the performance was a great success.

- (A) at
- (B) for
- (C) from
- (D) **into**

48.

He is very shy and humble, _____.

- (A) **hardly ever mentioning his academic accomplishments**
- (B) constantly praising his own accomplishments but no-one else’s
- (C) showing off every time I meet him
- (D) incessantly boasting about his academic career

49.

There are many islands _____ inhabitants still live in tribal societies.

- (A) who
- (B) which
- (C) whom
- (D) **whose**

50.

He is so insecure! I wish he _____ more self-confident.

- (A) **was**
- (B) will be
- (C) would
- (D) should be

51.

Laura always resents _____ like a small child.

- (A) to be treated
- (B) be treated
- (C) treating
- (D) **being treated**

52.

As an only child, Mary was _____ Queen, but when her younger brother was born, he was proclaimed the heir to the throne.

- (A) become
- (B) having become
- (C) became
- (D) **to become**

3. Use of English

Word formation

Use the word in brackets at the end of each sentence to form a new word that fits the gap. Write only one word in each gap. **Please write neatly in capital letters. Illegible answers will be considered to be incorrect.**

Please note that only words listed in either Cambridge Dictionary (<https://dictionary.cambridge.org/>) or Oxford English Dictionary (<https://www.oxfordlearnersdictionaries.com/>) or Webster's Dictionary (<https://www.merriam-webster.com/>), which are not marked as archaic or obsolete, will be accepted as correct answers.

Example: The Mona Lisa is one of the most _____ paintings in the world. (FAME)

F A M O U S

53.

The athlete's injury has **weakened** his performance on the field. (WEAK)

54.

The driver of the BMW needed to accelerate to **overtake** the bus. (TAKE)

55.

Sadly, the painting that was stolen from my room is **irreplaceable** – it was made by my grandmother and it was one of its kind. (REPLACE)

56.

Right before a dress **rehearsal**, most actors are quite nervous. (REHEARSE)

57.

This is an **undeniably** powerful film that shines a spotlight on some truly heinous human behaviour. (DENY)

58.

Even small children are usually able to **differentiate** between right and wrong. (DIFFERENCE)

59.

Globally, life **expectancy** has increased by more than 6 years between 2000 and 2019. (EXPECT)

60.

Parents may use different methods to punish their children for **misconduct** such as lying or stealing. (CONDUCT)

END OF THE TEST

Počkejte na pokyny administrátora. / Počkajte na pokyn administrátora.

Sources:

- Questions 1–6: adapted from <https://www.bbc.com/future/article/20190530-why-is-adhd-missed-in-girls>
- Questions 13–20: adapted from <https://www.theguardian.com/environment/2022/may/28/loss-eu-funding-crow-study-cambridge-brexit-corvid>
- Questions 27–33: adapted from <https://www.theguardian.com/world/2022/aug/29/d-day-tribute-or-theme-park-battle-rages-over-normandy-plan>
- Questions 34–40: adapted from <https://www.theguardian.com/sport/2022/aug/10/an-individual-battle-of-survival-scot-wins-norseman-xtreme-triathlon>

