

英語問題 (60 分)

(この問題冊子は 8 ページである。)

受験についての注意

1. 監督の指示があるまで、問題を開いてはならない。
2. 携帯電話・PHS の電源は切ること。
3. 時計に組み込まれたアラーム機能、計算機能、辞書機能などを使用してはならない。
4. 試験開始前に、監督から指示があったら、解答用紙の受験番号欄の番号が自身の受験番号かどうかを確認し、氏名を記入すること。
5. 解答用紙は 3 枚ある。解答は解答欄に記入し、その他の部分に何も書いてはならない。
6. 監督から試験開始の合図があったら、この問題の冊子が、上に記したページ数通りそろっているかどうか確かめること。
7. 筆記具は、H、F、HB の黒鉛筆またはシャープペンシルに限る。万年筆やボールペンなどを使用してはならない。訂正する場合は、消しゴムで丁寧に消すこと。消しきずはきれいに取り除くこと。
8. 解答用紙を折り曲げたり、破ったりしてはならない。
9. 試験時間中に退場してはならない。
10. 問題冊子と解答用紙を持ち帰ってはならない。

以上

I 次の (1) ～ (5) の英文を読み、下線部に最も近い意味のものをそれぞれ A ～Dの中から選びなさい。

(1) Some lawmakers have objected to the plan on the grounds that it would cost too much money.

- A. regardless B. moreover C. because D. although

(2) People who have experienced hardships are usually compassionate of others' suffering.

- A. envious B. understanding C. competitive D. adventurous

(3) The current consumption tax rate is 8%, but an increase to 10% will be implemented in October 2019.

- A. take effect B. cause trouble C. make an effort D. speed up

(4) The new taxis in Tokyo are easy to use for wheelchair users and tourists with luggage because they are more spacious.

- A. kind B. consumable C. slippery D. accessible

(5) The new £10 note featuring novelist Jane Austen was recently put into circulation.

- A. author B. citizen C. politician D. journalist

II 次の (6) ～ (10) の英文を読み、空所に入れるのに最もふさわしいものをそれぞれ A～Dの中から選びなさい。

(6) The college encourages its students to () in volunteer activities.

- A. place B. control C. participate D. ignore

(7) The names of the students () the waiting list for the popular class were on the bulletin board.

- A. with B. under C. by D. on

(8) First-year students have a lot of questions when it () to choosing classes.

- A. gives B. goes C. comes D. takes

(9) Face to face communication is necessary () misunderstandings.

- A. avoided B. avoiding C. have avoided D. to avoid

(10) Teachers on campus often remind their students () there is always a way to achieve their goals.

- A. of B. that C. with D. who

Ⅲ 次の英文を読み、(11)～(15)の空所に入れるのに最もふさわしいものをそれぞれA～Dの中から選びなさい。

In 2018, Osaka celebrated (11) _____ to host World Expo 2025. The city's campaign slogan was: "Designing Future Society for Our Lives." The World Expo, also (12) _____ the World's Fair, started in London in 1851. Its goal was to celebrate culture and industrial (13) _____. The World Exposition in London was followed by the Paris Exposition in 1855. The Eiffel Tower in 1889, Chicago's Ferris Wheel in 1893, and Seattle's Space Needle in 1962 were all built as (14) _____ of industrial wonders at past World's Fairs. How will the Osaka World Expo 2025 show the "Future Society for Our Lives" and (15) _____ will remain as a World's Fair legacy for the future?

- (11) A. was choosing B. chose C. being chosen D. among choices

- (12) A. known as B. relied on C. looked into D. turned back

- (13) A. retreat B. progress C. decline D. factory

- (14) A. railroads B. drawers C. catchers D. examples

- (15) A. why B. that C. such D. what

Ⅳ 次の英文を読み、設問 (16) ~ (27) に答えなさい。なお、*印のついた語句には注があります。

How May I Help You?: Technology and Children's Development

- ① Have you ever asked a computer how to spell an English word or to solve a math problem for you? If you have, you are certainly not alone. (あ) These days computers and our mobile phones have become so powerful that they can answer simple everyday questions as well as perform extremely complicated and difficult calculations. For most of us, this is a great convenience and a welcome advantage of modern life. Now, in addition to phones and computers, virtual automated assistants such as Apple's Siri and Amazon's Alexa can be summoned* easily from almost anywhere in the home. Some people are worried that young children may come to rely too much on these virtual assistants rather than using their brains and engaging in the problems that they have traditionally learned to solve on their own.
- ② Diane Levin, a psychologist, believes that using virtual assistants, computers, and mobile phones can have a negative effect on children's development. The name she has given to this issue is "problem solving development disorder," which she defines as "the condition in which children are no longer active agents* of their involvement with the world." In other words, children, instead of working out how to solve problems on their own, are automatically turning to these virtual assistants that are readily available. For example, a recent popular internet video shows a mother who catches her son using a virtual automated assistant to give him the answer to a homework problem.
- ③ Some, however, believe that these technologies not only serve a useful function for both adults and kids, but they think they may even be developmentally helpful. On a recent education program for America's public radio station, NPR, an educator named Clint Hill, who teaches English at Patrick Henry High School in Virginia, says he is not bothered at all by his students using technology to get answers to difficult problems. He says, "I struggle with spelling. And spell check on my word processing has been a lifesaver for me. And I think being able to use those technologies is not hurting anybody. I think it is just improving our ability to use our brains for other things."
- ④ Others are more cautious about children's use of electronic devices. One specialist in children's health, Dr. Gwenn O'Keeffe, fears that very young children will

be slowed in their development of key motor skills such as running, grabbing, and jumping, if they are allowed to play with tablets and mobile phones. This fear seems to be confirmed by a recent survey which found that 58% of children ages 2 to 5 could play a basic video game, but only 52% could ride a bicycle.

⑤ Another fear is that children's contact with electronic devices and virtual assistants may reduce or replace meaningful interactions with a real human being such as a mother or father. The result is that children may not learn how to interact appropriately with real people and will therefore be unable to develop social relationships when they grow up.

⑥ Still another worry about devices and children's development concerns children's ability to do things by themselves. Recently more and more parents and educators complain that children are having difficulties playing by themselves. (ㄴ) It is not rare, for example, that two children in a house together will end up in front of a TV or computer screen because they could not find ways of playing together without being told what to do. They were simply unable to solve the problem of how to play.

⑦ Whether we like it or not, computers, mobile phones, and virtual assistants are powerful and useful tools which are here to stay. The challenge for children's development will be how to let virtual assistants help but not replace the motor, social, and problem-solving activities that children need. Ideally, young children will learn not only to use the new technology but also to play by themselves, interact meaningfully with others, and develop their own strategies for solving problems.

* summon 呼び出す

* agent 行為者

Selected References

“Alexa Can Help Kids with Homework, but Don't Forget Problem-Solving Skills.”

<https://www.npr.org/templates/transcript/transcript.php?storyId=683009762>

Braiker, Brian. “Technology in the Classroom: The Good and Bad.” <https://www.parenting.com/article/technology-classroom>

Levin, D. (2007). *Problem Solving Deficit Disorder: Creative vs Programmed Play in Korea and the U.S. In: Where Do the Children Play?* Goodenough, E. (Ed.). Detroit, MI: Michigan Television.

- (16) According to paragraph 1, why are some people worried?
- A. English words are often too difficult to spell.
 - B. Computers and mobile phones can perform difficult calculations.
 - C. Children will use virtual assistants instead of their brains.
 - D. Virtual assistants are too expensive to use in schools.
- (17) According to paragraph 2, which child may have “problem solving development disorder”?
- A. a child who asks his mother to buy him a popular video game
 - B. a child who asks a virtual assistant to solve a homework question
 - C. a child who does not allow others to play video games
 - D. a child who has difficulty doing math or spelling homework
- (18) According to paragraph 2, what would psychologist Diane Levin most likely recommend that parents do when their child is doing homework?
- A. spy on the child
 - B. buy a virtual assistant for the child
 - C. let the child work alone
 - D. do their child’s homework for the child
- (19) According to paragraph 3, which is NOT a reason Clint Hill allows students to use technology in his class?
- A. Students cannot pay attention to traditional lectures.
 - B. He himself uses a spell checker.
 - C. Using technologies does not hurt people.
 - D. Technologies allow people to use their brains for other things.
- (20) What are some examples of motor skills found in paragraph 4?
- A. playing with a tablet, developing, jumping
 - B. running, playing a video game, sleeping
 - C. jumping, using a mobile phone, being cautious
 - D. running, riding a bicycle, jumping

- (21) According to paragraph 4, what did the survey results show?
- A. All children like video games more than riding bicycles.
 - B. Parents should buy more bicycles for their children.
 - C. Children want to ride bicycles more than play video games.
 - D. More children can play video games than can ride bicycles.
- (22) According to paragraph 5, what will be the result of children using devices?
- A. Mothers and fathers will not be able to use their devices.
 - B. Children will have trouble in their future social relationships.
 - C. Children will develop stronger relationships with their friends.
 - D. Mothers and fathers will not know how to talk to their children.
- (23) In paragraph 6, the sentence, “Recently more and more parents and educators complain that children are having difficulties playing by themselves,” implies that:
- A. before modern technology, children played without help from adults.
 - B. parents and educators should praise children more often.
 - C. children do not like to play games together in school.
 - D. watching TV with someone else is more fun than watching alone.
- (24) In paragraph 7, the underlined word, “their,” refers to:
- A. children
 - B. parents
 - C. activities
 - D. technologies
- (25) According to paragraph 7, what is a challenge with letting young children use technology?
- A. Some children are too young to use technology.
 - B. Technology should not replace other important activities.
 - C. Technology has only negative points and should be avoided.
 - D. Some children are better than others at using technology.

(26) 下線部 (あ) を日本語に訳しなさい。

(27) 下線部 (い) を日本語に訳しなさい。

V

(28) 次の英文 (う) か (え) のどちらかひとつを選び、示された書き出しに続けて、英語で文章を書きなさい。具体例や理由をなるべく多く挙げて書きなさい。ボックスの中の語彙や表現は必要に応じて文章中に用いたり、内容の参考にしたりしてもかまいません。これらの語彙や表現の使用の有無は評価には影響しません。

(う) What would you do if you had one million yen?

If I had one million yen, I would ...

donation	an entrepreneur	travel	lottery
contribution	global issues	save	solution

(え) What makes you feel that it is spring?

I feel spring has come when ...

the weather	a viewing party	cherry blossoms
sign	temperature	sprouting