

Write the letter A, B, C, or D on the answer sheet to indicate the word whose underlined part differs from the other three in pronunciation in each of the following questions.

- Question 1: A. title B. pine C. variety D. determine
Question 2: A. therefore B. theatre C. brother D. trustworthy

Write the letter A, B, C, or D on the answer sheet to indicate the word that differs from the other three in the position of the primary stress in each of the following questions.

- Question 3: A. nervous B. damage C. remote D. happen
Question 4: A. vaccinate B. positive C. confident D. donation

Write the letter A, B, C, or D on the answer sheet to indicate the correct answer to each of the following questions.

Question 5: Ann: "Do you mind taking out the trash?"

Ben: "_____"

- A. Yes, I do. B. Well done! C. No, not at all. D. Thanks a lot.

Question 6: Before the plane _____, all of the passengers had been required to fasten their seat belts.

- A. took off B. takes off C. will take off D. is taking on

Question 7: The children here enjoy outdoor activities, _____?

- A. aren't they B. don't they C. are they D. do they

Question 8: The company's apology _____ as an exercise in damage limitation

- A. regards B. regarded C. was regarded D. be regarded

Question 9: _____ I'm an adventure-lover, I consider this mountain road too daring to try.

- A. Although B. So that C. Despite D. Because of

Question 10: The students are looking forward to _____ to the school.

- A. returning B. return C. be returned D. be returning

Read the following passage and write the letter A, B, C, or D on the answer sheet to indicate the correct answer to each of the questions.

Astronauts undergo many adaptations during space expeditions. NASA is collecting a set of consistent core measurements, called Spaceflight Standard Measures (SSM), to characterize how the body and mind change in space. These measures will help the agency better understand how to tackle the hazards astronauts will encounter on space missions.

What makes the SSMs project unique is that it focuses on how multiple systems of the body adapt to living and working in space. There are several physiological and cognitive measurements to be conducted. For example, the activity level and light exposure patterns of astronauts are measured through a wrist monitor, called *actigraph*. This helps researchers better understand the sleep-wake cycle of astronauts and adjust operations or lighting where needed. Then, analysis of blood and urine samples from crew members provides biochemical markers which inform necessary modifications to crew diet and workout routines. An ultrasound scan is performed to find out the thickness of carotid artery to prevent threats of heart attack or stroke. Besides, astronauts are to take ten computer-based tests on several aspects of cognition, from memory to risk decision-making, to ensure their cognitive performance. Astronauts also take sensorimotor tests to measure their movement, balance, heart rate, and blood pressure before and after their missions. Results from such tests prompt essential supports so that they can quickly acclimate when landing on Earth or a planetary surface.

At the moment, scientists are analyzing the Standard Measures gathered from previous analog and space station missions, data from which are collected in a specialized database and are partially available on request. Future data will be incorporated in the existing database as analysis for each mission is

completed. By collecting a set of consistent core measurements that represent how the body and mind normally adapt in space, NASA will be able to produce the best methods and technologies that assist safe and productive human space travel.

Question 11: What is special about the Spaceflight Standard Measures?

- A. They provide a comprehensive approach to human adaptation in space.
- B. Physical measurements are performed by astronauts.
- C. They eliminate space travel hazards to the health of astronauts.
- D. Measurements have been collected from astronauts worldwide.

Question 12: According to the passage, where should an actigraph be placed?

- A. near a lighting device
- B. in the crew member's bed
- C. under a monitor
- D. join the astronaut's arm

Question 13: According to the passage, which measurement can suggest a change in astronauts' eating plan?

- A. the thickness of carotid artery
- B. cognition
- C. biochemical markers
- D. sensorimotor

Question 14: What does "they" in paragraph 2 refer to?

- A. NASA
- B. researchers
- C. Astronauts
- D. missions

Question 15: What is the author's purpose in writing the text?

- A. To advocate an upcoming space mission
- B. To list NASA astronaut requirements
- C. To introduce a project that supports safe space travel
- D. To characterize how astronauts adapt in space

Read the following passage and write the letter A, B, C, or D on the answer sheet to indicate the word that best fits each of the blanks.

In terms of formal education, schooling teaches children knowledge and skills. Schools provide activities such as spelling tests and sports, and teach children key cultural values in the society. Children also receive skills including reading and arithmetic that are based on (16) _____ standardized tests. Here, the focus changes from who they are to how they perform. Schools also (17) _____ children with regard to gender. Although gender roles are evolving, in the first years of school, boys often take part in more physical activities and spend more time outdoors, while girls tend to be less active.

By the time they enter school, children have also discovered **peer group**, a social group whose members have interest, social position, and age in common. A young child's peer group is generally made up of (18) _____ friends; later, peer groups are composed (19) _____ friends from school or elsewhere. With this newfound independence, members of peer groups gain valuable experience to shape social relationships on their own and develop a sense of themselves apart from their families. Peer groups also give young people the opportunity to (20) _____ interests that may not be shared by adults or are not approved of by parents.

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| Question 16: A. local | B. impersonal | C. private state | D. state |
| Question 17: A. recognize | B. realize | C. socialize | D. economize |
| Question 18: A. neighbourhood | B. mutual | C. female | D. lifelong |
| Question 19: A. about | B. with | C. from | D. of |
| Question 20: A. discuss | B. talk | C. take | D. consider |

Use the word given in brackets to form a word that fits each of the blanks and write your answers on the answer sheet.

Regular exercise can help stave off some effects of normal aging and delay or diminish the gravity of conditions such as Alzheimer's disease, (21.**DEPRESS**) _____ and multiple sclerosis.

Even over a relatively short time, exercise can repair some of the loss in brain capacity associated with aging. The greatest effects have been found in processes such as decision-making. Aerobic exercise can also improve short-term memory in the elderly. Exercise has been found to lower the risk of Alzheimer's disease in mice by decreasing the (22.**BUILD**) _____ of a protein known as beta amyloid, which forms the brain plaques that precede Alzheimer's. The mice also (23.**PERFORM**) _____ non-exercising mice in a memory test. In a study of multiple sclerosis patients, those who exercised (24.**REGULAR**) _____ fared better than those who exercised less. The exercise groups scored better on tests of cognitive function, and their brain scans showed less deterioration and more gray matter.

Fill in each of the blanks with one suitable word to complete the following passage and write your answers on the answer sheet.

Many people will look back on tree-climbing as a simple childhood pleasure and a natural test of human strength. But these days, it has turned into a more serious activity and is (25) _____ of the fastest-growing adventure sports in the country.

Before the invention of expensive gyms with indoor climbing walls, tree climbing was a (26) _____ and simple way to get a similar type of exercise. These days, if you want to take part in organized tree-climbing activity, you need to wear a helmet and (27) _____ yourself to ropes in case you lose your footing. But otherwise, tree-climbing is a very eco-friendly sport.

Getting off the ground is perhaps the most challenging part of a climb. After that, it is about using your legs. (28) _____ are much stronger than your arms, to drive yourself up the tree. Reaching the top and then going down again is a source of great satisfaction.

Complete the second sentence in such a way that it has the same meaning as the sentence printed before it/as the original one. Write your answers on the answer sheet.

Question 29: Susan was angry because Jane arrived late.

→ *If Jane*.....

Question 30: "Would you like to go to the school farewell party?" said Peter to Carol.

→ *Peter invited*.....