



**9.** What is NOT true about the capybara?

- Ⓐ It is a rodent.
- Ⓑ It weighs over 65 kilograms.
- Ⓒ It does not have a tail.

**[10-11] Read and answer the questions.**

Before QR codes, there were barcodes. Barcodes have only vertical lines to hold information. But QR codes have both horizontal and vertical lines. That means QR codes can hold a lot more information than barcodes.

**10.** What is the paragraph mainly about?

- Ⓐ QR codes
- Ⓑ information
- Ⓒ lines

**11.** Why can QR codes hold more information than barcodes?

- Ⓐ They have only horizontal lines.
- Ⓑ They have only vertical lines.
- Ⓒ They have both horizontal and vertical lines.

**[12-13] Read and answer the questions.**

In the 1870s, the “penny-farthing” was invented. It was a steel bicycle with rubber tires and a brake. It looked strange because of its large front wheel and much smaller rear wheel. It could go faster, but its high seat made it dangerous to ride.

**12.** Why did the penny-farthing look strange?

- Ⓐ It had a large front wheel and much smaller rear wheel.
- Ⓑ It had a small front wheel and much larger rear wheel.
- Ⓒ It had the same-sized wheels.

**13.** How was it to ride the penny-farthing?

- Ⓐ safe
- Ⓑ dangerous
- Ⓒ slow

**[14-15] Read and answer the questions.**

Red is one of the most eye-catching colors. Red makes people feel love, excitement, and energy. (A) So Coca-Cola uses red to get people's attention and make them feel excited. However, red also represents danger. (B) That is why many traffic warning signs are in red. (C) However, a dull yellow color is different. In China, red represents good luck, but it means a time of mourning in South Africa.

**14.** What does red NOT represent?

- Ⓐ danger                                      Ⓑ bad luck                                      Ⓒ mourning

**15.** Which sentence does NOT fit in the paragraph?

- Ⓐ (A)    Ⓑ (B)    Ⓒ (C)

**[16-18] Read and answer the questions.**

Artists need projectors, computers, and special software for projection mapping. First, artists choose a 3D object. It is like choosing the right canvas for their painting. (A) Next, they create images to cover the object. After that, they use the software to map the object. (B) Then, the software works with projectors to fit the images onto every surface of the object. (C) At last, the 3D object turns into 3D digital art.

**16.** What is the paragraph mainly about?

- Ⓐ how to do projection mapping  
Ⓑ when artists do projection mapping  
Ⓒ who makes 3D digital art

**17.** Which is the best place for the following sentence?

The images cover the object like wrapping paper around a gift.

- Ⓐ (A)    Ⓑ (B)    Ⓒ (C)

18. What does they refer to in the paragraph?

\_\_\_\_\_

**[19-21] Read and answer the questions.**

Underwater hockey has a similar objective as ice hockey: \_\_\_\_\_. But unlike ice hockey, it requires players to swim, not to skate. The rules of the game are simple. There are two teams with six players each. Players pass a puck with a stick. They \_\_\_\_\_ by shooting the puck into a goal tray. However, the game takes place underwater. Players must stay underwater until somebody scores a goal.

19. What do the underlined words mean?

- (a) participates                      (b) happens                      (c) needs

20. What are the correct words for the blanks?

- (a) shoot the puck  
(b) stay underwater  
(c) score goals

21. What is NOT true about underwater hockey?

- (a) It has a similar objective as ice hockey.  
(b) There are two players on each team.  
(c) Players can come above the water only after somebody scores.

**[22-25] Read and answer the questions.**

Moss graffiti is \_\_\_\_\_ for people and the environment. It is safe because the paint is made with moss. Moss is a type of green plant that has tiny leaves. It usually grows on rocks, tree bark, or wet grounds. Making the moss paint is easy. It is a simple mix of moss, yogurt or buttermilk, water, and cornstarch. Once moss graffiti is made, the moss grows thicker over time. Eventually, it will have a beautiful, 3D effect.

**22.** What is the correct word for the blank?

Ⓐ harsh

Ⓑ safe

Ⓒ harmful

**23.** What does It refer to?

Ⓐ moss

Ⓑ moss graffiti

Ⓒ moss paint

**24.** Where does moss NOT grow?

Ⓐ on rocks

Ⓑ on tree leaves

Ⓒ on wet grounds

**25.** In the end, it will have a beautiful, 3D effect.

= \_\_\_\_\_, it will have a beautiful, 3D effect.