

Robots are machines that are programmed (). For example, they have already been sent to the edges of outer space, telling us what they find there. They go into the deepest sea, gathering information for humans. They are also used in war. Some of them are being used to explode landmines, thereby changing battlefields into farmlands.

14. Select the phrase that best completes the blank.

- ① to do boring household chores
- ② to explore unknown lands
- ③ to do dangerous work for humans
- ④ to analyze and gather information
- ⑤ none of the above

[15-16] [A] The body's foreman ① on call is a cell called the osteocyte*, embedded all through the matrix of the bone. [B] Every time you run or lift a heavy box, you cause minute damages ② in your bones. [C] The osteocytes sense this and send a repair team to remove damaged cells and patch the holes ③ with fresh ones. [D] This is why bone-jarring exercise like jogging is recommended to beef ④ at the bones of thin, small-boned women of northern European ancestry, whose genetics, post-menopause*, will land them on the shortlist ⑤ for hip replacement. [E]

(*osteocyte: 골세포, *post-menopause: 폐경후기)

15. Where is the most appropriate place for the following sentence in the passage above ?

The re-paving strengthens the bone.

- ① [A] ② [B] ③ [C] ④ [D] ⑤ [E]

16. Select the underlined expression which is grammatically incorrect.

- ① on ② in ③ with ④ at ⑤ for

[17-18] Consider the balance that we are told needs to be struck between security and civil liberties. In the abstract, there is some truth in this claim. But in some specific policy areas, the right balance might mean tilting the scales entirely to one side. There is, for instance, arguably no balance that needs to be struck between incarcerating people without trial for years on end and national security; the former just should not happen. No balancing is required when the scales come firmly down on one side.

17. Which can best replace the underlined incarcerating?

- ① blandishing ② decrying ③ confining
- ④ banishing ⑤ renouncing

18. What can be most likely inferred from the above passage?

- ① One set of concerns just overrides the other.
- ② Poverty with security is better than plenty in the midst of uncertainty.
- ③ The ground of liberty must be gained by inches.
- ④ Just scales and full measure injure no man.
- ⑤ Truth finds no asylum.

[19-20] As for myself, I don't think it is always necessary to take up the anti-colonial cudgels against English. What seems to me to be happening is that those peoples who were once colonized by the language are now rapidly remaking it, domesticating it, becoming more and more relaxed about the way they use it. Assisted by the English language's enormous flexibility and size, they are carving our large territories for themselves within its frontiers.

19. The author of the above passage is () about the possibilities of English.

- ① apathetic ② playful ③ disinterested
- ④ stoic ⑤ upbeat

20. Which can best replace the underlined cudgels?

- ① abeyances ② clubs ③ epitomes
- ④ libertines ⑤ barriers

[21-22] Most obviously, cheaper energy prices will incrementally increase the temptation to fritter away precious power - to leave the car engine idling, or to fail to go upstairs to switch off that light. Little habits matter, because, with the clock ticking remorselessly down towards climate catastrophe, every little hurts. How much damage the great oil crash will do here depends on what happens next. In the past, the world has been stunned not only by the waning but also the waxing of the price. If what comes down soon goes back up, such direct effects may not prove so profound. What will matter more in the longer term is the dynamic effect on the energy infrastructure.

21. Select the expression which can best replace the underlined remorselessly.

- ① fictitiously ② relentlessly ③ stupendously
- ④ garrulously ⑤ prudently

22. What can be most likely inferred from the above passage?

- ① Cheap oil will discourage investment in alternative energy.
- ② High energy prices will help to push inflation lower.
- ③ Manufacturers of electric cars will expand their production lines.
- ④ Oil-exporters will be the obvious winners from sliding oil prices.
- ⑤ The most exploitative schemes to extract fossil fuels will become more economic.

[23-25] Interior designers may claim that a solitary goldfish displayed in a glass bowl makes a striking minimalist fashion statement, but according to British researchers, goldfish learn from each other and are better off in groups than alone. In one experiment, two groups of goldfish were released into a large aquarium separated by a transparent panel. On one side, fish food was hidden in various locations. The fish on that side foraged for the food while the fish on the other side of the clear panel watched. When released into the feeding area, these observant fish hunted for the food exactly in the proper locations. Other experiments showed that fish raised in a group are less fearful than fish raised alone. And not only are they less skittish, but they are also better at eluding enemies in the event of actual attack.

23. What would be most appropriate for the topic sentence of the above passage?

- ① A solitary goldfish makes a striking fashion statement.
- ② Goldfish learn from each other and are better off in groups.
- ③ Goldfish are better at eluding enemies in groups.
- ④ Goldfish raised in groups are less fearful than fish raised alone.
- ⑤ Observant goldfish hunt for food in the proper locations.

24. Select the word that can best replace the underlined foraged.

- ① miraged ② hungered ③ searched
- ④ surrendered ⑤ attacked

25. It may be inferred from the above passage that the underlined skittish means ().

- ① frightened ② vulnerable ③ sensitive
- ④ shrewd ⑤ fragile

[26-28] Character is a Greek word, but it did not mean to the Greeks what it means to us. To them it stood first for the mark stamped upon the coin, and then for the impress of this or that quality upon a man. To us a man's character is that which is peculiarly his own; it distinguishes each one [A] the rest. To the Greeks it was a man's share in qualities all men partake [B]; it united each one to the rest. We are interested in people's special characteristics, the things in this or that person which are different from the general. The Greeks, on the contrary, thought what was important in a man were precisely ().

26. Select the most appropriate title for the above passage.

- ① Greek and the Modern
- ② The Individual and Society
- ③ How the Greeks Thought
- ④ Character and the Greeks
- ⑤ How Human Character is Formed

27. Select the words suitable for the blanks [A] and [B].

- ① from - of ② by - with ③ among - in
- ④ with - for ⑤ for - from

28. Select the phrase that best completes the blank.

- ① the different characteristics between each person
- ② a man's share in what the world stamped
- ③ the things that were peculiar in him or her
- ④ the qualities he shared with all mankind
- ⑤ none of the above

[29-32] All science is subject to human bias. This is especially true for social scientists. Since human behavior is their area of study, they are actually part of the subject matter. Furthermore, human behavior patterns vary from one place to another and from one group to another. This is in contrast to the subject matter of the natural sciences. When a chemist studies hydrogen, he can assume that one hydrogen atom is very much like another, wherever it is found, and that the conditions surrounding it can be quite accurately controlled. The same is true when a physicist measures a metal bar; he can be quite sure that it will not stretch or shrink in length as long as natural conditions are the same. This is why Earl Babbie quotes economist Daniel Suits, who calls the natural sciences the "easy sciences" because of the () nature of their subject matter.

29. Select the best word that can replace the underlined subject.

- ① reliable ② likely ③ susceptible
- ④ apathetic ⑤ immune

30. Fill in the blank with a suitable word.

- ① predictable ② versatile ③ flexible
- ④ formidable ⑤ whimsical

31. The tone of the above passage can be described as ().

- ① critical ② objective ③ vindictive
- ④ cynical ⑤ ambivalent

32. What can be most likely inferred from the above passage?

- ① Human bias is the subject matter that social scientists mainly study.
- ② The conditions surrounding human behavior can be accurately controlled.
- ③ Social sciences may be called hard because of their stubborn subject matter.
- ④ Daniel Suits is quoted to support that natural sciences are subject to bias.
- ⑤ A metal bar may change in length according to natural conditions.

Digital currencies, also known as virtual currencies or cash for the Internet, allow people to transfer value over the Internet, but are not legal tender. Because they don't require third-party intermediaries, merchants and consumers can avoid the fees associated with traditional payment systems. Advocates of virtual currencies also say that because personal information is not tied to transactions, digital currencies are less prone to identity theft. Many of the headlines generated by digital currencies have focused on problems with the system. In January, federal prosecutors charged the CEO of BitInstant, a major bitcoin exchange company, with laundering digital currency through the online drug marketplace. Although digital currencies are far from widespread, their growing popularity - and their potential for misuse - has prompted states to weigh in on the uncharted territory.

33. The author's tone on the digital currencies in the above passage can best be described as (). (4점)

- ① adamant ② circumspect ③ imprudent
- ④ insouciant ⑤ passionate