

1 ()に最も適する語句を選べ。

問 1. (1) human teeth, which are composed mostly of enamel on the portion of the tooth outside of the gum, whale teeth have cementum outside the gum.

- ① Without ② Despite ③ Like ④ Unlike

問 2. If you don't understand the drivers' licensing procedure, you should (2) the state licensing division as soon as possible.

- ① convince ② continue ③ contrast ④ consult

問 3. Our special repair department will (3) your computer even on weekends and holidays.

- ① aid ② protect ③ service ④ need

問 4. (4) the new programs at our fitness center, water aerobics has been the most popular with the over forty crowd.

- ① Except ② Above ③ Regarding ④ Beneath

問 5. George Bailey, who is a famous movie star in the U.S., recently (5) positive reviews for his role as Harold Hill in the Broadway production of "The Music Man".

- ① responds ② responded ③ receive ④ received

問 6. The U.S. Defense Department said the drills are (6) to the sinking of the South Korean warship, Cheonan.

- ① in response ② in conjunction ③ in place ④ in memory

問 7. The bill (7) to \$734. That's much more than I expected!

- ① adds up ② builds up ③ due ④ adds

問 8. I (8) my good friend on the street yesterday. Later, we went shopping and had lunch together.

- ① ran into ② ran over ③ came on ④ came with

問 9. I need to (9) to lock the front door when I leave the house because of the increase in burglaries in our neighborhood.

- ① check out ② check on ③ make sure ④ make efforts

問10. (10) in the Chernobyl disaster, it was the fire fighters who were the first to feel the effects of the radiation.

- ① In those lived ② Of those involved ③ Among people worked ④ With people involved

問11. As I was looking out at my summer garden, this year's corn seemed to be growing (11).

- ① above all ② of all ③ the best of all ④ the longest of all

問12. Mobile phones have become (12) in our society that you can talk to anyone even in very remote places.

- ① so prevalent ② so prevalence
③ such widespread machines ④ such common equipments

問13. With the rising cost of oil all over the world, we () new sources of clean energy, such as solar power and wind power.

- ① must look after ② should look over ③ need to look for ④ have to look behind

問14. Getting to this year's winter sports event is quite easy. You can access the event ().

- ① on trains and cars ② by either train or car
③ with both trains and cars ④ through trains or cars

問15. () Van Gogh painted pictures of children, he usually made their faces look like adults.

- ① Even though ② However ③ As if ④ Whatever

問16. () harder for the talent show, I might have won first prize.

- ① Were I to practice ② Have I practiced ③ If I had practiced ④ If I should have practiced

問17. We () the meeting until we hear back from our class teacher because we have to get permission from her.

- ① should move on ② can replace ③ need to put off ④ have to put out

問18. All passengers are advised to () in the overhead compartments until the plane safely lands.

- ① leave their luggage ② put their trays
③ keep away their baggage ④ take their bags

問19. Before going to sleep or when leaving the campsite, () all fires are extinguished.

- ① make sure if ② you will see if ③ be sure that ④ you will have to see that

問20. Food prices rose sharply last season in Tokyo () the lack of rainfall, but you don't need to worry too much about a big increase in prices this season.

- ① apart from ② on behalf of ③ according to ④ due to

2 ()に最も適する語句を選べ。

問21. I forgot what time the concert started, so I (21) for the concert hall in my phonebook. I made the call, but there was no answer. This was really strange. I decided to dial the number again, but after the third try, and no answer, I gave up and called my friend for the time instead.

- ① took the number
- ② found out the number
- ③ looked at the number
- ④ looked the number up

問22. "I am impressed with the clear vision that young Canadians have mentioned to conserve our rich biodiversity now and for future generations," said Mr. Jim Prentice, Environment Canada's Minister. "Enjoying and appreciating our natural environment is a part of Canadian tradition, and (22), we can also make it part of our legacy to mark this important year for biodiversity." (注: biodiversity 生物多様性)

- ① by working together
- ② in addition
- ③ with such clear biodiversity
- ④ for all traditions

問23. The UK and Italian researchers believe that premature death from all causes was linked to getting either too little or too much sleep outside of the "ideal" six to eight hours per night, but while (23) may be a direct cause of ill health, ultimately leading to an earlier death, too much sleep may already be a marker of ill health.

- ① too much sleep
- ② short healthy sleeping
- ③ too short sleep
- ④ a lack of sleep

問24. The world economy cannot afford to wait another three years for China to revalue, (24) depend on China's central bank to act responsibly. The U.S. Congress must set a firm target and deadline for China to achieve a 40% revaluation of its currency.

- ① nor can the U.S. government
- ② and it can
- ③ either can the U.S. nor China
- ④ even if the U.S. government can

問25. Environmental issues concerning global warming need to be carefully considered. The issue related to our environment is a value to which people in every country refer, on which public opinion expresses judgments and opinions and which requires decisions and attitudes from all social classes, governments, enterprises, unions, and so on. In short, we can say (25).

- ① connections are made in the world of global power
- ② we value many issues related to global warming
- ③ there are many kinds of people connected with all aspects of an environmental concern
- ④ issues are usually related to a country's attitudes about social classes

3

各問いのA～Dの文を意味が通るように並べ換えた場合、最も適切な順番となるものを選べ。

問26.

26

- A. Nearly all ant colonies also have some fertile males called "workers" and one or more fertile females called "queens".
- B. The colonies are sometimes described as superorganisms because the ants appear to operate as a unified entity, collectively working together to support the colony. (注: superorganisms 超個体)
- C. These larger colonies consist mostly of sterile wingless females forming classes of "workers", "soldiers", or other specialized groups.
- D. Ants form colonies that range in size from a few dozen individuals living in small natural cavities to highly organized colonies which may occupy large territories and consist of millions of individuals.

- ① B—C—A—D ② C—D—A—B ③ D—C—A—B ④ A—C—B—D

問27.

27

The herding instinct in Border Collies is a behavioral trait that has been bred "into them" over the past two hundred years or so.

- A. The instinct has been toned down somewhat through selective breeding.
- B. Border Collies retain the circling and gathering instinct so vital in hunting wolves, but refrain from actually going in and making the final "kill".
- C. What many people, even long-standing Border Collie owners, fail to realize is that the herding instinct is simply a modified version of the killing instinct of wolves.
- D. In fact, the instinct has not been bred "into them" but rather "out of them".

- ① A—D—C—B ② C—D—B—A ③ C—A—B—D ④ C—A—D—B

問28.

28

- A. Celebrations can take a humorous tone, as celebrants remember funny events and anecdotes about the departed.
- B. The Day of the Dead is a celebration that dates back to the indigenous people of Mexico.
- C. The intent is to encourage visits by the souls, so that the souls will hear the prayers and the comments of the living directed to them.
- D. On this day, people go to cemeteries to communicate with the souls of the departed, and build private altars, containing the favorite foods and beverages, as well as photos and memorabilia, of the departed. (注: memorabilia 記念品)

- ① B—D—C—A ② A—D—C—B ③ D—C—B—A ④ C—A—B—D

問29.

29

- A. When a mosquito bites an infected person, a small amount of blood is taken, which contains malaria parasites.
- B. In severe cases the disease worsens leading to hallucinations, coma, and death.
- C. After a period of two weeks or several months (occasionally years) spent in the liver, the malaria parasites start to multiply within red blood cells, causing symptoms that include fever, and headache.
- D. These develop within the mosquito, and about one week later, when the mosquito takes its next blood meal, the parasites are injected with the mosquito's saliva into the person being bitten.

- ① B—C—D—A ② A—D—C—B ③ D—C—B—A ④ C—A—B—D

4 [A]～[C]の文の()に入る最も適切な語句を選べ。

[A] Burmese Nobel Prize Winner, Aung San Suu Kyi has been placed under house arrest on numerous occasions since she began her political career, totaling 14 of the past 20 years. During these periods (30) her party supporters and international visitors. She lives with only her two maids and receives visits from her doctor. In an interview, Suu Kyi said that (31) she spent her time reading philosophy, politics and biographies that her husband had sent her. She would also occupy her time by playing the piano and was occasionally allowed visits from foreign diplomats as well as her personal doctor. The media have also been prevented from visiting. In 1998, a journalist, Maurizio Giuliano, was stopped by customs officials, and all his films, tapes and some notes that (32) were handed over.

問30. 30

- ① she has been prevented from meeting
- ② she has been allowed to communicate with
- ③ she has been able to get on with
- ④ she has always met and shared ideas with

問31. 31

- ① while visiting an old gray prison cell
- ② while under house arrest
- ③ while visiting the library
- ④ while boarding Burmese government offices

問32. 32

- ① he met her and gave to her
- ② he demanded when meeting her
- ③ he collected after meeting her
- ④ he mentioned to them

[B] For a very long time, music has been used as a therapy for various medical conditions, mostly because it has the ability to "sooth" the mind and that can be very important for the body as well. In the specific case of heart diseases, there is a significant amount of stress and anxiety related to the numerous questions that patients ask themselves, including whether they will survive or not, or how much time they have left. The recent research seems to show that these questions may be bypassed at least for a while, placing people in a calmer state, (33).

問33. 33

- ① while loud music leaves them finding new therapy
- ② where they feel anxiety leading to heart disease
- ③ in which they are not as stressed as they would normally be
- ④ that makes them question death

[C] Families are drawn to San Diego's year-round comfortable climate and variety of attractions. (), home to six giant pandas, the most in any U.S. facility. The zoo and its companion Wild Animal Park have 4,000 animals and 100 acres to explore. Sea World has its famous Shamu the killer whale and opportunities to get close to marine animals. The zoo is part of Balboa Park, which bills itself as the "nation's largest urban cultural park." It also features restaurants, free concerts, gardens, and 15 museums—including the kid-friendly Fleet Science Center, Natural History Museum, and the Children's Museum. (), there's Legoland, with more than 50 rides, shows, and attractions. In San Diego, shop and eat at the city's historic Gaslamp Quarter and waterfront Embarcadero districts. Do you want to just relax and play in the sun? San Diego has 70 miles of beaches to enjoy, especially the lovely Coronado Beach.

問34.

- ① San Diego Zoo starts here
- ② Begin to see San Diego Zoo
- ③ San Diego Zoo is famous for
- ④ Start with the renowned San Diego Zoo

問35.

- ① If you can take a family excursion, then avoid theme parks
- ② If you can't take a family vacation without visiting a theme park
- ③ If you can visit a small attraction
- ④ If your family can't get a hotel room

5 [A]～[D]の文を読み、問いに対する最も適切な答えを選べ。

[A] Well, folks, the Cardinals are now down by 3 runs entering the bottom of the ninth inning with Mark Sosa up to the plate. The bases are loaded. Sosa has gone 0-for-3 this game with two strikeouts and a walk. Expectations have been high, and I'm sure Mark has felt the pressure trying to rebound from his five-game-home-run drought. Mark is up to the plate. Here's the pitch. Oh, an inside fastball. Strike one. Mark has been batting .279 this month, and he needs one more home run to pass the all-time home run record set back in 1961. And here we go. Here's the wind-up and the pitch. Oh, a monstrous belt to left field. . . it's. . . it's. . . gone. And Mark has just earned himself the title of Home Run King, plus the Cardinals have picked up their 70th win of the season.

問36. What did Mark do? 36

- ① He hit a home run with three runners on base.
- ② He has batted .279 and set a world record.
- ③ He hit a ball to left field, and then was gone.
- ④ He pitched a home run at the bottom of the ninth, and won the game for the Cardinals.

[B] Hello everyone. This is the captain speaking, and I want to welcome you to Flight 18 bound for Miami. The time is currently a quarter to nine in Boston. In thirty minutes we are scheduled to take off. Our flight time today is 2 hours and 15 minutes, and we will be flying at an average altitude of 29,000 feet. The current weather in Miami is sunny, but there is a chance of rain later in the day. We will be arriving at Gate 13, and we will be announcing connecting flights on our approach to Miami's airport. On behalf of Sky Airlines and the crew, I want to wish you an enjoyable stay in the Miami area or at your final destination. Sit back and enjoy the flight.

問37. What is NOT mentioned in this passage? 37

- ① The gate numbers for connecting flights.
- ② The amount of time the plane will be in the air.
- ③ The current time in the Boston area.
- ④ The changing weather patterns in the Miami area.

問38. At about what time will the plane be arriving in Miami? 38

- ① 12:30.
- ② 11:30.
- ③ A quarter to 12.
- ④ A quarter past 12.

[C]

David: How do you like living in the big city?

Maria: There are many things that are better than living in the country.

David: Can you give me some examples?

Maria: Well, it certainly is more interesting than the country. There is so much more to see and do!

David: Yes, but the city is more dangerous than the country.

Maria: That's true. People in the city aren't as open and friendly as those in the countryside.

David: I'm sure that the country is more relaxed, too!

Maria: Yes, the city is busier than the country. However, the country is much slower than the city.

David: I think that's a good thing.

Maria: Oh, I don't. The country is so slow and boring. It's much more boring than the city.

David: How about the cost of living? Is the country cheaper than the city?

Maria: Oh, yes. The city is more expensive than the country.

David: Life in the country is also much healthier than in the city.

Maria: Yes, it's cleaner and less dangerous in the country. But, the city is so much more exciting. It's faster, crazier and more fun than the country.

David: I think YOU are crazy for moving to the city.

Maria: Well, I'm young now. Maybe when I'm married and have children I'll move back to the country.

問39. What is this conversation about?

39

- ① Maria's move to the country and the problems of living there.
- ② Two friends comparing city and country life.
- ③ David's future marriage plans.
- ④ Two friends talking on the telephone about moving plans.

問40. What will Maria likely do in the future?

40

- ① She may return to the country if she settles down.
- ② She will live in the city because it is exciting.
- ③ She will work on being more open and friendly with others.
- ④ She may join David in the country, but only if she is older.

[D] The Silas Lake Park reopens today after being closed for six months. The park was closed because mud and rock slides destroyed part of Cambridge Road, the only access into the park. "We had to remove tons of boulders and rocks," said Hugh Foster of the Parks and Recreation Department. "Then we had to rebuild a bridge and reconstruct almost a mile of highway. I'm really surprised we got it done so soon."

The park is three miles north of Colfax on Highway 28. Cambridge Road is a two-lane highway that winds upward through Pearl Canyon before it descends to Silas Lake, which has about 20 miles of shoreline. It is the largest lake in the county, and also famous for bass. In fact, the record largemouth bass catch in California occurred here in 1975. A 14-year-old boy caught a 19-pound bass.

The lake has two ramps for boaters, a restaurant, a snack bar, a small store, and a boat rental facility. As with all county parks, no alcohol is sold or permitted. More than 100 picnic tables have protective roofs and big barbecue pits. There are public restrooms with free shower facilities, lots of trash cans, and hiking trails for nature lovers. The west side of the park includes a softball field, a soccer field, and two volleyball courts. Horseshoes and kite-flying are two other popular activities. In the summer, a designated swimming area has a lifeguard on duty seven days a week.

The entry fee is \$10 per vehicle and \$10 per boat. Reservations are not accepted. The parking lot holds about 500 vehicles; if it is full, no additional vehicles are allowed to enter. Latecomers need to either leave or wait in line for someone to leave the parking lot. Some weekends there are three dozen vehicles waiting in line outside the gate. Because of many requests, park officials soon might start permitting campers to stay overnight on weekends.

問41. Why was Silas Lake Park closed? 41

- ① Mud and rock slides happened in the park.
- ② Mud and rock slides destroyed the access road.
- ③ The bridge near Colfax was broken.
- ④ Part of Cambridge Road and the park were destroyed due to mud and rock slides.

問42. What is the closest town to Silas Lake Park? 42

- ① Hugh Foster.
- ② Pearl Canyon.
- ③ Colfax.
- ④ Cambridge.

問43. What is Silas Lake well-known for? 43

- ① The largest lake in the world.
- ② Bass fishing.
- ③ No alcohol.
- ④ Big parking lots.

問44. What is something you CAN'T do at the park? 44

- ① Fishing.
- ② Campfires.
- ③ Swimming on weekends.
- ④ Drinking beer.

問45. What service does the Silas Lake Park provide to visitors? 45

- ① The park provides a shopping mall where you can enjoy yourself for 24 hours.
- ② You can use gorgeous rental restrooms with shower facilities free of charge.
- ③ You can enjoy swimming safely in a specific area with a lifeguard on duty everyday in the summer.
- ④ The parking lot in the park can have some 500 vehicles, so you can park your car anytime anywhere.

6 文を読んで、46 ~ 50 の()に入る最も適切な語を選び、51 ~ 55 の問いに最も適切な答えを選べ。

On Banks Island in Canada's High Arctic, Inuit hunters and trappers have a close (46) with the natural world. As they travel over the tundra or harvest fish from the sea, they notice even the smallest changes to their environment. Recently, the changes have been significant and worrisome. The climate has become unpredictable; the landscape unfamiliar.

The autumn freeze-up occurs up to a month (47) than usual and the spring thaw seems earlier every year. The multi-year sea-ice is smaller and now drifts far from the community in the summer, taking with it the seals upon which the community relies for food. In the winter the sea-ice is thin and broken, making travel dangerous for even the most experienced hunters. In the fall, storms have become frequent and severe, making boating difficult. Thunder and lightning have been seen for the first time.

Hot weather in the summer is melting the permafrost and causing large-scale slumping on the coastline and along the shores of inland lakes. The melting has already caused one inland lake to drain into the ocean, killing the freshwater fish. Around the town of Sachs Harbour, it is causing building foundations to shift.

New species of birds (48) as barn swallows and robins are arriving on the island. In the nearby waters, salmon have been caught for the first time. On the land, an influx of flies and mosquitoes are making life difficult for humans and animals.

These changes tell local people that the climate is warming. The residents of Sachs Harbour wonder if they can maintain their way of life in the face of further changes.

Given the dramatic changes that local people have observed, International Institute for Sustainable Development and the Hunters and Trappers Committee of Sachs Harbour initiated a year-long project to document the problem of Arctic climate change and communicate it to Canadian and international audiences. The project team worked in (49) with specialists from five organizations to develop an innovative method for recording and sharing local observations on climate change.

The approach combined participatory workshops, semi-structured interviews, community meetings and fieldwork to better understand the extent of local knowledge of climate change. During the year-long initiative, the project team produced a broadcast-quality video and several scientific journal articles to communicate the negative consequences of climate change in the Arctic and to understand the adaptive strategies that local people are using in (50). The science papers document Inuit knowledge on climate change and explore how that knowledge can enrich scientific research in the Arctic. The video follows local people onto the land and sea as they perform traditional activities. Their voices — and the beauty of a fragile and plentiful land — leave viewers with a clear understanding of what will be lost if climate change continues.

Inuit are renowned for their ability to flourish in a harsh climate, to adapt as conditions change, to thrive where others cannot. Climate change poses a threat unlike any they have faced before. Their lifestyle and their culture may depend on their ability to adapt to this new challenge.

(International Institute for Sustainable Development: <http://www.iisd.org/climate/vulnerability/inuit.asp>)

注: Inuit イヌイト(の)(カナダの先住民族) permafrost 永久凍土

問46. 46 ① relationship ② linkage ③ network ④ memory

問47. 47 ① longer ② faster ③ later ④ for

問48. 48 ① like ② much ③ so ④ such

問49. 49 ① partnership ② line ③ pair ④ together

問50. 50 ① repeat ② response ③ return ④ remote

問51. What would be the best title for this article? 51

- ① The Arctic as the main frontier for climatic research
- ② Climate change threatens the Arctic and the inhabitants who live there
- ③ The Inuits' ability to adapt to a wide range of environments
- ④ Finding the answers to climatic change in the Arctic

問52. Which of the following is currently NOT a problem for the Inuits? 52

- ① The permafrost is causing homes to become unstable.
- ② The warmer temperatures are bringing more researchers to the region.
- ③ Mosquitoes and other summer pests are appearing for the first time.
- ④ Hunting in the sea has become difficult due to an increase in storms and a decrease in Arctic ice.

問53. What is the researchers' main goal for their year-long study? 53

- ① They want to collect data on the Inuits' changing lifestyle, as it relates to climate change.
- ② They hope to stop global warming by their interviews and videos of the Arctic.
- ③ They hope that they can discover the reasons for the environmental shift.
- ④ They want to document the traditions of the Inuits, in case they are forever lost.

問54. If the climate warming isn't reversed, what might the Inuits do to survive? 54

- ① They might move to the north to a warmer climate.
- ② They might change their diet to include more salmon and new bird species.
- ③ They might stop driving cars and boats to reduce carbon admissions.
- ④ They might adapt to the new changes and hopefully survive in the new environment.

問55. About how long have the Inuits been feeling the effects of climate warming? 55

- ① For one long year.
- ② Since last summer.
- ③ For several years.
- ④ Since this year.