Part A: 請選出與畫線部分文意最相近的答案。(30%)
1. The specific nutrients that contains in human milk best meet the needs of infants.
   (A) greet    (B) regard    (C) satisfy    (D) join
2. For the sake of your safety, if you need to exchange your personal information with a new friend online, do not reveal too much at the initial phase.
   (A) give out    (B) give up    (C) give in    (D) give off
3. As soon as he noticed these unusual symptoms, he called his doctor and arranged an appointment right away.
   (A) values    (B) actions    (C) causes    (D) signs
4. Everyone above 40 years old should receive a general physical check-up annually.
   (A) a correction    (B) an examination    (C) a possibility    (D) a ban
5. We should all do recycling and help conserve natural resources.
   (A) waste    (B) supply    (C) protect    (D) delight
6. First impressions are important for people because they have a strong impact on forming a relationship.
   (A) an effect    (B) an event    (C) a behavior    (D) a prediction
7. There was a powerful earthquake registering 6.8 on the Richter scale rocking Taiwan many years ago.
   (A) pressing    (B) shaking    (C) placing    (D) ruining
8. When traveling overseas, accommodation is always my priority.
   (A) ways of transportation    (B) distance to the downtown
   (C) the weight of the luggage    (D) food and the place to stay
9. People consider dogs to be the most loyal friends to humans.
   (A) emotional    (B) necessary    (C) various    (D) faithfull
10. A change in a small part of the ecosystem may lead to a serious problem in other parts.
    (A) due to    (B) cause    (C) justify    (D) depend on
11. It is very difficult for people who prefer sleeping silent to put up with those who snore.
    (A) wear    (B) dress    (C) tolerate    (D) ignore
12. Sometimes the right level of positive stress may help people stay energetic.
    (A) dull    (B) interesting    (C) attractive    (D) vigorous
13. Thousands of fans gathered outside the airport just for welcoming TV celebrities from Japan.
    (A) stars    (B) productions    (C) charms    (D) festivals
14. The department store decided to extend its business hours to provide extra service during the New Year holidays.
    (A) to separate    (B) to increase    (C) to combine    (D) to measure
15. To date, information about this novel disease and its treatment is still limited.
    (A) literal    (B) poetic    (C) new    (D) modest

Part B: 請填入最適合的答案使成為合乎語法的句子。(30%)
16. It was summer, and the sun _________ early as usual as the other days.
    (A) shine    (B) raised    (C) rose    (D) lifted
17. After we _________ cards, Bob proposed having a drink for a change.
18. As he stepped into the dentist’s clinic, John was shaking and everyone outside could hear him ________.
   (A) cried (B) was crying (C) cry (D) to cry

19. The teacher continued his lecture from where we ___________ last week.
   (A) left off (B) stopped by (C) cut short (D) set out

20. You can see a row of ___________ houses along this road after the earthquake in 2011.
   (A) damaged (B) damage (C) damaging (D) damagingly

21. Living in the United States for a summer is the most __________experience to me.
   (A) receding (B) rewarding (C) relating (D) reclaiming

22. Remember always wash your hands to kill the ___________ before helping the patients.
   (A) germs (B) grains (C) genes (D) grams

23. The oral report I am going to give tomorrow is causing me a lot of ___________.
   (A) nervous (B) anxious (C) nerved (D) anxiety

24. Many students experience stress because of problems of money, ___________ gas, food, high rent and
   yearly tuition.
   (A) in addition (B) such as (C) nevertheless (D) on the other hand

25. His new fiction is based ________ his childhood memories.
   (A) in (B) of (C) on (D) for

26. Patients ___________ plastic surgery may have to experience pain at different levels.
   (A) who having (B) have (C) are having (D) who have

27. This medicine is banned because its serious ___________ are harmful to human bodies.
   (A) cosmetics (B) side-effects (C) recovery (D) operation

28. ___________ there is no cure for asthma, with proper use of medications and avoidance of irritants, the
   symptoms can still be effectively controlled.
   (A) Since (B) Due to (C) Given that (D) Although

29. The police officers asked him to ________ his car ________ to the side of the street and checked his
   driver’s license.
   (A) pull…off (B) pull…up (C) pull…over (D) pull…about

30. In order to lose weight in a healthy way and keep in good shape, many people choose to exercise
   ___________, instead of taking diet pills.
   (A) regularly (B) obscurely (C) endlessly (D) respectively

Part C: 閱讀測驗・(40%)

Questions 31-35

Dolphins are highly ________ animals to possess their own “language” to communicate with each other.
This “language” is a system of different whistles, and dolphins can make a list of sounds to “speak” to their
partners. ________, no one knows exactly what dolphins say. Many scientists hope to ________ the
secret of dolphins’ language and decode it. The first thing these scientists are trying to do is to design
software that could ________ dolphins’ speech patterns and record them down. Then humans could use
this software to ________ these patterns and help people understand their meanings. Scientists wish
someday humans might be able to communicate with these smart creatures without difficulty.

31. (A) interesting (B) intelligent (C) indigently (D) innocently
### Questions 36-40

When one eats food that contains complex carbohydrates, such as whole grain products—which are not digested fully in the small intestine—the food is then sent into the large intestine. In the normal food process, the food in the large bowel or colon is broken down by bacteria and produces flatulence. Fart happens when air in the gastrointestinal (GI) tract is eliminated from the body through the rectum and anus. Pains caused by gas in the GI tract can sometimes be mistaken for symptoms of appendicitis, gallstones, or heart attack. To make a correct diagnosis, a complete medical history has to be taken into account; a good understanding of a patient’s dietary history and history of symptoms is essential.

36. (A) digested (B) digestive (C) digestion (D) digest

37. (A) bacteria (B) grinders (C) blenders (D) viruses

38. (A) switched (B) enforced (C) swallowed (D) eliminated

39. (A) diagnosis (B) forecast (C) incentive (D) distention

40. (A) result (B) preparation (C) doubt (D) account

### Question 41-43

Like other ecosystems, all parts of the rain forest web of life are connected. Think about the Brazil nut tree: This tree depends on pollination by small bees and other insects for life. If this little piece of the tree’s ecosystem was missing, the web would break, and there would be few Brazil nut trees. Consequently, people in the Amazon would lose an important food. This would destroy an international business worth about $50 million a year.

Unfortunately, the web of life of the Amazon is in danger. In fact, 20 percent of the rain forest has disappeared, due to human actions. Local people and international companies are burning forests down to use the land for farms and farm animals. In addition, people around the world use paper and building materials made from millions of rainforest trees. These actions have serious effects on all living things.

First, because trees are disappearing, many animals are losing their homes and food. A lot of them die. Since many living things depend on each other, when some die, the whole web of life is affected.

41. Which of the following statements is true?
   (A) The Brazil nut trees become extinct because people stop consuming them.
   (B) Only 20 percent of the rainforest has been protected legally from being harmed and utilized by humans.
   (C) The rainforest destruction serves as a good example for us to know small things might cause strong effects, and we are all connected in the web of life.
   (D) The worst effect of the rainforest destruction is the loss of new medicines.

42. What is the major reason to cause the rainforest destruction?
   (A) the loss of Brazil nut trees  (B) human actions  (C) wild animals  (D) extreme weather

43. Which statement would the author of this passage agree with?
   (A) People should use the rain forest whatever they wish because they need to support their family.
44. Which of the following statements is not true?
   (A) An onomatopoeic term suggests the word is pronounced similar to the sound we produce.
   (B) Hiccups for the most part are not harmful to human bodies. We just need to go the doctor if hiccups don’t stop.
   (C) All hiccups indicate something wrong with our health, and we need have a thorough physical examination if we have hiccups.
   (D) The reason why we breathe into the paper bag when we have hiccups is to inhale more carbon dioxide and increase its level in our blood.

45. The word “subside” in the second paragraph could be exchanged with _____________.
   (A) support    (B) diminish    (C) worsen    (D) continue

46. What is the main idea of this passage?
   (A) There is no proof for us to know the exact cause of hiccups.
   (B) Hiccups are one kind of diseases that we need to deal with carefully.
   (C) A harmless natural reaction, the hiccup, though annoying sometimes, is caused when we inhale too much air, and usually would go away within minutes.
   (D) Home remedies are effective all the time, and sometimes they are even better than medical treatments.

Questions 47-50
   What are the most common symptoms of cardiovascular diseases, heart attack and stroke? Heart attack symptoms can be inclusive of discomfort or pain in the chest, arms, left shoulder, elbows, jaw, or back. People may experience difficulty breathing or shortness of breath; feel sick, faint, or nauseous; have cold sweats, or appear pale. Stroke symptoms include sudden weakening of facial muscles, leg or arm paralysis, confusion, difficulty speaking or understanding speech, difficulty seeing with one or both eyes, inability to walk, dizziness, loss of balance or coordination, and fainting or unconsciousness. People who experience any of these symptoms should seek medical care immediately.
   Many heart disease studies indicate that the cardiovascular disease (CVD) can be prevented or treated.
To reduce CVD risk factors, people should avoid an unhealthy diet, physical inactivity, excess weight gain, tobacco use, second-hand smoke, and foods high in fat, sugar, and salt. Many people could benefit from counseling to help them change their unhealthy behavior. Therefore, the challenge for health professionals is to build and promote efficacious prevention programs and to seize every opportunity to encourage people to change unhealthy life styles or behavior.

The effective treatment of CVDs is important in saving lives. When people suffer from CVDs, medical devices may be required to treat them. Medical devices and procedures include patches for closing holes in the heart, prosthetic valves, pacemakers, coronary artery bypass, valve repair and replacement, and balloon angioplasty, as well as artificial and live heart transplantation.

47. What is the main idea of this passage?
(A) It is about the common symptoms of heart attack and stroke, and practical prevention and treatment of cardiovascular disease.
(B) It is about the way to lead a healthy lifestyle and to reduce stress, since the unhealthy life and stress are the contributing risk factor for heart disease.
(C) It is about the latest medication for the patients of CVD and the procedures that they have to undergo.
(D) It is about an overview of CVD and the possible causes of this disease.

48. How do we know a person might not suffer from heart attack?
(A) He is having a terrible pain in his chest.
(B) He looks pale, and faints as he gets excited.
(C) He often has trouble breathing.
(D) He has a sore throat and is unable to speak.

49. Which of the following is not a possible CVD risk factor?
(A) heavy smoking    (B) overweight    (C) unhealthy diet    (D) fever

50. Which of the following statements is not true?
(A) Cardiovascular diseases are the number one cause of death in Taiwan; more people die annually from CVDs than from any other disease.
(B) CVDs are not incurable and to have a healthy lifestyle is the best way to prevent CVDs.
(C) Medical approaches are required to treat CVD patients, and sometimes, a device is placed inside one’s body in order to help his or her heart beat in the right way.
(D) A person who has high blood pressure, continues to eat fatty foods and does not exercise can be very likely to have CVD.