

**Exercise 3. Mark the letter A, B, C, or D to indicate the correct answer to each of the following questions.**

11. Smartphone can be a great learning ____ but you need to think of how to use it effectively.
A. benefit B. choice C. invention D. tool

12. It is convenient for you to read ____ when you travel.
A. e-books B. laptops C. online game D. smartphones

13. Many young people carry a pair of earbuds as they are small, light, and ____.
A. chargeable B. economical C. portable D. transferable

14. Washing machine or vacuum cleaner can help you to ____ time while doing housework.
A. kill B. save C. spend D. waste

15. Velcro has gradually become a familiar ____ for shoes, jackets, and even spacesuits.
A. button B. fastener C. locker D. zipper

16. Most smartphones now ____ flash player as well as voice and video calls.
A. display B. offer C. provide D. support

17. Many students prefer ____ assignments on their laptops to writing traditionally.
A. reading B. searching C. sending D. typing

18. Mobile devices such as laptops or digital cameras can be charged by ____.
A. solar charges B. solar-charges C. solar chargers D. solar-chargers

19. We can surf the ____ to search for news, watch films, or download music.
A. e-book B. internet C. laptop D. smartphone

20. In many classrooms, teachers use chalk to write on the ____.
A. blackboards B. black boards C. whiteboards D. white boards

21. You can send and receive e-mails from a ____.
A. charger B. printer C. smartphone D. USB

22. The ____ , which can travel underwater, is very useful for scientists to learn about the undersea world.
A. aeroplane B. electronic car C. spaceship D. submarine

23. Like Vietnamese, Thai people also depend ____ water for their crops.
A. against B. for C. in D. on

24. In 1999, the king's Chaipattana Aerator obtained Thai ____ for his rain-making techniques.
A. certificates B. charters C. licenses D. patents

25. Paddle-wheel machine helps to clean the wastewater before ____ it for farming.
A. rearranging B. recycling C. reducing D. reusing

26. You can get access ____ the Internet, via a range of devices such as desktop or laptop computers, mobile phones, and tablets.
A. for B. in C. of D. to

27. Thomas Edison, Benjamin Franklin, James Watt are among of the greatest ____ of all time.
A. inventions B. inventiveness C. inventors D. invents

28. ____ noodles are a precooked and usually dried block invented by Japanese.
A. Instantaneous B. Instance C. Instant D. Instantly

29. It is definitely true that nature has inspired ____ inventions and technologies.
A. numbers B. numeral C. numerical D. numerous

30. Smartphones are used not only for communication but also for information and ____.
A. entertain B. entertainer C. entertaining D. entertainment

31. People often use the natural world as inspiration to design and invent new ____.
A. producers B. produces C. productions D. products

32. Internet and social networks help us easily interact ____ people all over the world.
A. in B. of C. on D. with

33. Users can look ____ locations as well as directions to different places on Google Maps.

A. down B. for C. in D. up
 34. The two fabrics of Velcro stick together thanks the hooks on the surface and the loops on the other.
 A. by B. for C. of D. to
 35. If you get a laptop as a reward, what will you use it ?
 A. by B. for C. to D. with
 36. Scientists have invented artificially intelligent computer systems of answering questions posed in natural language.
 A. able B. aware C. capable D. fond

Exercise 4. Mark the letter A, B, C, or D to indicate the word(s) CLOSEST in meaning to the underlined word(s) in each of the following questions.

37. A digital camera is more economical than a film camera since you don't have to buy rolls of films.
 A. better B. cheaper C. safer D. stronger
 38. You can use earbuds to listen to music or your listening everywhere, even in public place, as nobody is disturbed.
 A. annoyed B. connected C. imitated D. interacted
 39. You can use a USB stick to transport files from one computer to another.
 A. delete B. display C. transfer D. store
 40. Smartphones are very versatile, as they can do many things like making phone calls, taking pictures, or listening to music.
 A. capable B. flexible C. helpful D. interesting
 41. Apple iPad has remained the single most popular tablet PC ever since 2010.
 A. became B. continued C. existed D. stopped
 42. A 3-D printer can produce solid objects similar to the originals.
 A. images B. models C. papers D. pictures
 43. There are many traffic jams during rush hour.
 A. congestion B. riders C. road signs D. transportation
 44. When collapsing the wings, a flying car is just a little bit bigger than a normal car.
 A. dropping B. fixing C. folding D. opening

Exercise 5. Mark the letter A, B, C, or D to indicate the word(s) OPPOSITE in meaning to the underlined word(s) in each of the following questions.

45. Nutritious snacks provide an important contribution towards your child's daily nutritional needs.
 A. Inexpensive B. Uncooked C. Unhealthy D. Unpacked
 46. A smartphone is too costly for him to even have a normal one.
 A. economical B. expensive C. priceless D. valuable
 47. Many people are afraid that computers with superhuman intelligence will destroy humanity.
 A. awareness B. perception C. stupidity D. wisdom
 48. Speakers are too bulky. You cannot put them in your bag or your pocket.
 A. giant B. heavy C. large D. tiny
 49. A digital camera is convenient as it is quick to view and delete as well as easy to transfer photos to a computer.
 A. harmful B. inexpensive C. uninteresting D. useless
 50. Even the best invention may have drawbacks. A laptop, for example, is expensive so many people cannot afford it.
 A. advantages B. disadvantages C. shortcomings D. weaknesses

Exercise 7. Mark the letter A, B, C, or D to indicate the underlined part that needs correction in each of the following questions.

79. The king's biodiesel oil project was first to introduce in 2001.
 A B C D
 80. The Tesla Coil is used for create extremely powerful electrical fields.
 A B C D
 81. IBM is an artificial intelligence computer system and is used to answering questions posed in natural

language.

A

B

C

D

82. Life without computers has seemed simply impossible now.
A B C D

83. Kodak Company produced many OLED equipped products, which are being used to power the next
A B C D
generation of ultra-thin televisions, since 1987.

84. Vaccination has been used for a long time for prevent diseases.

85. The boat rudder was invented to steer large ships, which enabled the Chinese for building huge ships as

A B C

early as 200 AD.
86. Many young people now use computers for playing games rather than study.

87. You can use a tablet to listening to music, surfing web or chatting with friends.

88. Since the Internet was first created in the 1960s, it changed people's lives a lot.

89. Scientists have researched since years into ways of curing cancer patients.

90. Many teenagers now prefer chatting on the computer to meet face to face.

Part VI. WRITING

Exercise 14. Mark the letter A, B, C, or D to indicate the sentence that best combines each pair of sentences in the following questions.

137. Apple MacBook is portable and versatile. I cannot afford it.

- A. Although Apple MacBook is portable and versatile, I cannot afford it.
- B. Because Apple MacBook is portable and versatile, I cannot afford it.
- C. If Apple MacBook isn't portable and versatile, I might afford it.
- D. No matter how portable and versatile Apple MacBook is, I can afford it.

138. William found a science book. It included instructions for building a windmill.

- A. William found a science book which included instructions for building a windmill.
- B. What William found is a science book included instructions for building a windmill.
- C. William found how a science book included instructions for building a windmill.
- D. Where William found a science book included instructions for building a windmill.

139. They didn't think Newton could do it. He was confident.

- A. Because they didn't think Newton could do it, he was confident.
- B. They didn't think Newton could do it because he was confident.
- C. They didn't think Newton could do it no matter how confident he was
- D. If they had thought Newton could do it, he would have been more confident.

140. Bell succeeded with his new invention. People were able to talk to each other over great distances.

- A. Because Bell's success with the new invention, people were able to talk to each other over great distances.
- B. In spite of Bell's success with the new invention, people were able to talk to each other over great distances.
- C. Owing to Bell's success with the new invention, people were able to talk to each other over great distances.
- D. Since Bell's success with the new invention, people were able to talk to each other over great distances.