

**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 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.
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 generation of ultra-thin televisions, since 1987.  
A B C D
84. Vaccination has been used for a long time for prevent diseases.  
A B C D
85. The boat rudder was invented to steer large ships, which enabled the Chinese for building huge ships as early as 200 AD.  
A B C D
86. Many young people now use computers for playing games rather than study.  
A B C D
87. You can use a tablet to listening to music, surfing web or chatting with friends.  
A B C D
88. Since the Internet was first created in the 1960s, it changed people's lives a lot.  
A B C D
89. Scientists have researched since years into ways of curing cancer patients.  
A B C D
90. Many teenagers now prefer chatting on the computer to meet face to face.  
A B C D

#### 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.