

Unit 5. INVENTIONS

Part I. PHONETICS

Exercise 1. Mark the letter *A, B, C, or D* to indicate the word whose underlined part differs from the other three in pronunciation in each of the following questions.

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|--------------------------|----------------------|-------------------------------|------------------------|
| 1. A. cost <u>l</u> y | B. fast <u>e</u> ner | C. port <u>a</u> ble | D. smart <u>ph</u> one |
| 2. A. determ <u>i</u> ne | B. profil <u>e</u> | C. sci <u>e</u> nce | D. versat <u>i</u> le |
| 3. A. b <u>e</u> nefit | B. g <u>e</u> nerous | C. invent <u>o</u> r | D. vid <u>e</u> o |
| 4. A. f <u>a</u> bric | B. imitat <u>e</u> | C. lap <u>t</u> op | D. pat <u>e</u> nt |
| 5. A. c <u>o</u> mpany | B. c <u>o</u> mpose | C. c <u>o</u> mp <u>r</u> ise | D. c <u>o</u> mputer |

Exercise 2. Mark the letter *A, B, C, or D* to indicate the word that differs from the other three in the position of the primary stress in each of the following questions.

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|--------------------|-------------------|------------------|------------------|
| 6. A. hot tea | B. phone call | C. soft ware | D. tall boy |
| 7. A. bus stop | B. cell phone | C. light bulb | D. white board |
| 8. A. flying car | B. mother tongue | C. online game | D. pencil case |
| 9. A. fire fighter | B. heart attack | C. self interest | D. train station |
| 10. A. credit card | B. football match | C. living room | D. swimming pool |

Part II. VOCABULARY

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