

Unit 5: INVENTIONS

TEST 1

Mark the letter A, B, C, or D on your answer sheet to indicate the word whose underlined part differs from that of the other three in pronunciation in each of the following questions.

Question 1: A. laptop B. application C. storage D. laboratory

Question 2: A. device B. invent C. enter D. mention

Mark the letter A, B, C, or D on your answer sheet to indicate the word that differs from the other three in the position of stress in each of the following questions.

Question 3: A. button B. smartphone C. software D. display

Question 4: A. processor B. invention C. computer D. e-reader

Mark the letter A, B, C, or D on your answer sheet to indicate the correct answer to each of the following questions.

Question 5: The invention of the internet has revolutionized the way we communicate _____ each other globally.

A. to B. for C. with D. on

Question 6: With each new invention, it becomes simpler to _____ smart home devices for greater convenience.

A. store B. display C. install D. promote

Question 7: Inventors _____ many devices that make daily communication faster and more efficient.

A. have already created B. has already created C. already created D. already has created

Question 8: When rushing to release a new product, companies sometimes forget _____ for all potential issues.

A. having tested B. testing C. to testing D. to test


Question 9: _____ is key to creating solutions that address modern challenges.


A. To innovating B. Innovating C. Innovate D. Innovations


Read the following advertisement/announcement and mark the letter A, B, C, or D on your answer sheet to indicate the correct option that best fits each of the numbered blanks from 10 to 15.

Introducing the EcoBot - Your Smart Cleaning Companion!

The EcoBot is a groundbreaking invention designed to transform household cleaning.

 **Efficient Cleaning:** Advanced (10)_____ allows the EcoBot to navigate around obstacles and clean even the hardest-to-reach places.

 **Eco-Friendly:** Built with recyclable materials and designed (11)_____ water and energy usage, the EcoBot is perfect for sustainable living.

 **Connected Control:** Control the EcoBot remotely using a user-friendly app, (12)_____ you can schedule cleanings and check its status from anywhere.

Make Your Home Smarter with EcoBot!

For more information, visit www.ecobotclean.com.

- Question 10:** A. application B. experiment C. processor D. storage space
- Question 11:** A. to reduce B. reducing C. to reducing D. reduce
- Question 12:** A. for B. so C. but D. and

📣 School Announcement: Celebrating Inventions!

Attention, students! This week, we are celebrating amazing inventions that **(13)**_____ the world in incredible ways. Students and teachers have been sharing ideas on how new **(14)**_____ impact our daily lives.

Don't forget **(15)**_____ our *Student Inventors' Fair* is on Friday, where you can showcase your own creative ideas. Some students prepared fantastic projects, so don't miss this inspiring event!

Let's keep innovating and imagine the future together!

- Question 13:** A. has recently changed B. recently changed
C. recently has changed D. have recently changed
- Question 14:** A. software B. inventions C. laptop D. driverless
- Question 15:** A. joining B. to joining C. to join D. join

Mark the letter A, B, C, or D on your answer sheet to indicate the correct arrangement of the sentences to make a meaningful paragraph/letter in each of the following questions.

Question 16:

- Therefore, this invention has revolutionized how people interact with their surroundings.
 - One of the most remarkable aspects of this new invention is its ability to connect devices seamlessly.
 - In addition, it promotes efficiency and convenience in everyday life, reducing time and energy spent on daily tasks.
 - As a result, users of this invention can enjoy a more comfortable and productive lifestyle.
 - By enhancing connectivity between devices, it allows for a smoother, more integrated experience.
- A. b - e - a - c - d B. a - c - b - d - e
C. e - b - a - c - d D. d - a - e - c - b

Question 17:

- With its compact size and AI capabilities, the SmartDesk revolutionizes how people work, manage tasks, and collaborate.
 - One of the most impressive features of the SmartDesk is its ability to seamlessly integrate with other devices, providing users with a connected workspace.
 - I believe that this invention has the potential to reshape the modern office, making workspaces more efficient and user-friendly.
 - Additionally, the SmartDesk supports sustainable practices by minimizing energy consumption through smart power management.
 - By choosing the SmartDesk, you are investing in an innovative and efficient way to enhance productivity.
- A. c - a - b - d - e B. a - d - b - c - e

C. b – e – c – a – d

D. e – a – b – c – d

Mark the letter A, B, C, or D on your answer sheet to indicate the correct option that best fits each of the numbered blanks from 18 to 23.

(18)_____ for a long time. They are devices that people use to stay connected, play games, work, and learn. For many people, to have a smartphone means (19)_____. These devices are not just for making phone calls; they have many other features like cameras, internet browsing, and apps for almost any task.

(20)_____ is one of the most popular activities. People use their phones to capture moments and share them with friends and family on social media. In fact, to take pictures quickly and easily is something that has changed the way we keep memories.

Smartphones have also been helpful for learning. (21)_____ and information, students can improve their skills in different subjects. Many people have used smartphones to study languages, read books, and even learn how to cook. They are convenient for work as well. Sending emails and attending virtual meetings on the go is now possible, (22)_____.

These devices have improved so much over the years. They have become faster, lighter, and more powerful. The smartphone industry has worked hard to add new technology, (23)_____. Because of these changes, people can now do more with their smartphones than ever before.

Adapted from: <https://technologyhub.net>

Question 18: **A.** Smartphones became a big part of our daily lives

B. A smartphone has become a part of our life every day

C. A smartphone became a part of our life every day

D. Smartphones have become a big part of our daily lives

Question 19: **A.** to having everything they need in their pocket

B. having everything they need in their pocket

C. have something they scare of in their pocket

D. to have something they scare of in their pocket

Question 20: **A.** Taking photos with a smartphone **B.** To take photos of a smartphone.

C. To taking photos with a smartphone. **D.** Take photos of a smartphone

Question 21: **A.** With access to the latest films **B.** With access of the some software

C. With access to educational apps **D.** With access of the newest phone

Question 22: **A.** which saves time and makes work more flexible

B. that saves time and makes work more flexible

C. which saving time and makes working more flexible

D. which to save time and make work more flexible

Question 23: **A.** like better buttons and faster devices

B. like better chargers and faster 3D printing

C. like better cameras and faster processors

D. like better e-readers and faster storage space

Read the following passage and mark the letter A, B, C, or D on your answer sheet to indicate the correct option that best fits each of the numbered blanks from 24 to 28.

Laptops are very helpful in education today. They give students a way to learn and work anywhere, not just in the classroom. With a laptop, students can search (24)_____ information online, helping them understand topics better and faster. Laptops also let students type their notes, (25)_____ can be easier and faster than writing by hand, especially for long lessons. Another benefit is that laptops allow students to use different (26)_____ tools, like interactive apps and online quizzes, which make learning fun and engaging.

Teachers also benefit from laptops in the classroom. They can share digital materials, (27)_____ presentations and videos, making lessons more interesting. Students can even attend online classes if they cannot go to school, helping them keep up with their (28)_____. Laptops help students work together, even if they are in different places. For example, they can share documents and do group projects online, which improves teamwork skills.

Reference: <https://www.linkedin.com>

Question 24: A. to

B. for

C. on

D. of

Question 25: A. which

B. that

C. whom

D. what

Question 26: A. educate

B. education

C. educational

D. educator

Question 27: A. for example

B. for instant

C. such that

D. such as

Question 28: A. studies

B. computers

C. inventions

D. processors

Read the following passage and mark the letter A, B, C, or D on your answer sheet to indicate the correct answer to each of the questions from 29 to 33.

3D printing and artificial intelligence (AI) are two exciting technologies that are changing our world. 3D printing is a process that creates three-dimensional objects from digital files. **It** works by adding layers of material, like plastic or metal, to build the final product. This technology allows people to make unique items, from toys to tools, quickly and at a lower cost. For example, in medicine, doctors can use 3D printing to create custom prosthetics that fit perfectly for each patient.

On the other hand, AI is the ability of computers to perform tasks that usually require human **intelligence**. This includes understanding language, recognizing images, and making decisions. AI helps improve 3D printing by making the design process faster and easier. With AI, designers can create complex shapes that were hard to make before. AI can also analyze data to improve the quality of 3D printed items, ensuring they are strong and reliable.

Together, 3D printing and AI can change industries like manufacturing, healthcare, and education. For example, schools can use these technologies to teach students about science and engineering in a fun way. As these technologies continue to develop, they will create new opportunities and make our lives better. In the future, we may see even more amazing things made possible by the combination of 3D printing and AI.

Question 29: What is the main idea of the passage?

- A. How to make toys using 3D printing and AI.
- B. The changes that 3D printing and AI can make.
- C. How 3D printing works with Artificial Intelligence.
- D. Different types of AI technology in 3D printing.

Question 30: What does the word "**It**" in the first paragraph refer to?

- A. process
- B. 3D printing
- C. object
- D. jobs

Question 31: The word "**intelligence**" in the second paragraph is opposite in meaning to _____.

- A. smartness
- B. stupidity
- C. wisdom
- D. cleverness

Question 32: According to the passage, how does AI help 3D printing?

- A. By making 3D printing cheaper.
- B. By analyzing data and improving designs.
- C. By teaching designers to create items.
- D. By creating more materials for printing.

Question 33: According to the passage, which of the following is **NOT** true?

- A. AI can recognize images and make decisions.
- B. 3D printing can make complex shapes.
- C. AI and 3D printing are only used in schools.
- D. 3D printing can create custom prosthetics.

Read the following passage and mark the letter A, B, C, or D on your answer sheet to indicate the correct answer to each of the questions from 34 to 40.

In today's world, smartphones and laptops are **valuable** tools for people of all ages, helping us stay connected, learn, and work more efficiently. Many students rely on their laptops to complete assignments, store essential files, and even conduct research. Scientists and inventors work in laboratories to create new inventions that improve these devices, like advanced processors and better software that make our technology faster and easier to use. For example, by installing updates, we can keep our devices suitable for the latest tasks, ensuring they run smoothly and remain secure.

A key part of their performance is RAM (Random Access Memory), which helps **them** quickly access and manage data. Without enough RAM, a device may slow down or struggle to handle multiple tasks. Additionally, storage space is crucial for saving files, photos, and programs. If you run out of storage, you may need to delete unnecessary items or transfer files to another location to keep your device functioning well.

It's also essential to take good care of our devices physically. Avoiding **stains** or dirt on screens and keyboards can help them last longer. By understanding how these parts work and maintaining them, we can use our devices effectively and make the most out of their features in our daily lives. This knowledge makes us more confident and capable in our digital world.

Question 34: What is the main idea of the passage?

- A. How to keep smartphones and laptops clean B. How technology supports learning and work
C. The importance of understanding computers D. The difference between a smartphone and a laptop.

Question 35: The word "**stains**" in the passage is closest in meaning to _____.

- A. clean areas B. bright spots C. dirty spots D. spotless areas

Question 36: The word "**valuable**" in the passage is opposite in meaning to _____.

- A. costly B. useful C. worthless D. functional

Question 37: According to the passage, installing updates on devices _____.

- A. helps devices work with the latest tasks. B. saves space on the device.
C. protects devices from stains. D. adds more RAM to the device.

Question 38: The word "**them**" in the second paragraph refers to _____.

- A. devices B. RAM C. tasks D. files

Question 39: Which of the following is **NOT** mentioned in the passage?

- A. RAM helps a computer handle multiple tasks. B. Laptops are used for school projects.
C. Updates make devices more secure. D. Storage space increases RAM.

Question 40: It can be inferred from the passage that _____.

- A. laptops and smartphones are only used for school
B. devices need regular maintenance for optimal use
C. software updates are not necessary and time-wasting
D. only scientists understand processors and keyboards

-----**HẾT**-----

- Thí sinh không được sử dụng tài liệu;

- Giám thị không giải thích gì thêm.