

SKILLS

READING

I Read the following passage and mark the letter A, B, C, or D to choose the word or phrase that best fits each of the numbered blanks.

AI is important because it can perform repetitive and detailed tasks better than humans. AI (1) _____ often complete jobs quickly and with relatively few errors.

AI has opened the door to entirely new business opportunities for some large companies. Today Uber has become one of the largest companies in the world by (2) _____ riders to taxis with AI. Uber uses AI to predict when people are likely (3) _____ rides in certain areas, which helps actively (4) _____ drivers on the road before they're needed. As another example, Google has become one of the largest players for a range of online services by (5) _____ machine to understand how people use their services and then improving them. In 2017, the company's CEO, Sundar Pichai, pronounced that Google would operate as an "AI first" company.

Today's largest and most successful companies have used AI to improve their operations and gain advantage on their competitors.

(Adapted from Ed Burns)

1. A. objects	B. tools	C. inventions	D. inventors
2. A. connecting	B. getting	C. matching	D. finding
3. A. to give	B. to offer	C. to need	D. to make
4. A. affect	B. call	C. connect	D. get
5. A. predicting	B. protecting	C. storing	D. using



II Read the following passage and decide if the following statements are true (T) or false (F). Write the letter T or F to indicate the correct answer to each of the questions.

Computer specialists develop and maintain the computer equipment and software programs that form the basis of the Internet. Computer programmers write, test, and customize the detailed instructions, called programs or software, that computers follow to perform various functions such as connecting to the Internet or displaying a Web page.

Computer software engineers analyze user needs to formulate software specifications, and then design, develop, test, and evaluate programs to meet these requirements. While computer software engineers must possess strong programming skills, they generally focus on developing programs, which are then coded by computer programmers.

Computer systems analysts develop customized computer systems and networks for clients. They work with organizations to solve problems by designing or tailoring systems to meet unique requirements and then implementing these systems. By customizing systems to specific tasks, they help their clients maximize the benefit from investment in hardware, software, and other resources.



Computer support specialists provide technical assistance to users who experience computer problems. Using automated diagnostic programs and their own technical knowledge, they analyze and solve problems with hardware, software, and systems. In this industry, they connect with users primarily through telephone calls and e-mail messages.

(Adapted from Kenneth Beare)

Statements	T or F
1. The title for the passage is <i>Information technology professionals</i> .	
2. Computer specialists are specialized and involved in writing software.	
3. Computer software engineers are skillful in analyzing clients.	
4. Computer systems analysts customize the systems to match clients' needs.	
5. Computer support specialists are mainly involved in supporting users.	

III Read the following passage and mark the letter A, B, C, or D to indicate the correct answer to each of the questions.

Cold breakfast cereal is a **pantry staple** in most houses, but who invented it?



Kellogg's

John Harvey Kellogg was a skilled surgeon and health food pioneer. He created a biscuit of oats, wheat, and corn.

Kellogg's brother, Will Keith Kellogg, worked with him to come up with breakfast items more wholesome and easier on the bowel than meat. They experimented with boiling wheat and rolling it into sheets, then grinding it. One evening, in 1894, they forgot about a pot of wheat and the next morning, rolled it out anyway. The wheat **berries** didn't cohere into a sheet but rather emerged as hundreds of flakes. The Kellogg's toasted the flakes... and the rest is breakfast history.

W.K. Kellogg was something of a marketing genius. When his brother didn't want to take risk – fearing it would damage his reputation as a doctor – Will bought him out and, in 1906, packaged wheat flakes for sale.

Puffed Cereals

Quaker Oats, the oldest hot cereal company, having been founded on the success of oatmeal, acquired puffed-rice technology in the early 20th century. Cheerios (puffed oats), Sugar Smacks (sugary puffed corn), Rice Krispies, and Trix wandered far from the healthful aims of America's early breakfast cereal brands.

(Adapted from Mary Bellis)



SPEAKING

IV *Mark the letter A, B, C, or D to indicate the option that best completes each of the following exchanges.*



V *Mark the letter A, B, C, or D to indicate the option that best completes the following conversation.*

Salesperson: Hi! (1) ?

John: I would like to get a new phone. I have a basic phone right now but I'd like to change for a new one.

Salesperson: (2) It has many good features and it is a good product.

John: This one seems nice. Does it come with



Salesperson: Yes, of course. If it stops working within one year, we'll replace it for free.

John: That's great! (3) _____

1. A. What are you?	B. How can I help you?
C. Can you let me know?	D. What would you like?
2. A. What about this phone?	B. We can find you something for sure.
C. I can help you with that.	D. What kind of phone would you like?
3. A. This is for me.	B. Wonderful!
C. I would like this.	D. I'll get it.

WRITING

VI | *Mark the letter A, B, C, or D to indicate the sentence that is closest in meaning to each of the following questions.*

1. *Using modern electronic devices becomes essential in many young people's life.*
 - A. Using modern electronic devices is a must in many young people's life.
 - B. To use modern electronic devices decides many young people's life.
 - C. It is essential for young people to use modern electronic devices in their life.
 - D. Young people's life becomes essential without using modern electronic devices.
2. *Reducing printing cost is one of the many benefits of QR codes.*
 - A. QR codes enable us to reduce printing cost.
 - B. Increasing printing cost is one of the many drawbacks of QR codes.
 - C. QR codes are beneficial in printing cost.
 - D. Reducing printing cost benefits QR codes.
3. *It is very convenient to study virtually with a smartphone.*
 - A. To study virtually with a smartphone is not a convenience.
 - B. To study with a smartphone is virtual.
 - C. It is inconvenient to study virtually with a smartphone.
 - D. Studying virtually with a smartphone is very convenient.
4. *Since the first computer was invented, humans have created different computer generations.*
 - A. The first computer wasn't invented until humans created different generations of it.
 - B. Different generations of computers have been created since the first computer was invented.
 - C. Humans created different computer generations from the time when the first computer was invented.
 - D. The first computer was invented through different generations.



5. *Helping drivers find the best route is one of the benefits of AI in transportation.*

- One of the benefits of AI in transportation is supporting drivers in finding their cars.
- Helping drivers find the best route benefits AI in transportation.
- AI in transportation allows drivers to find the best route.
- AI in transportation prevents drivers from finding the best route.

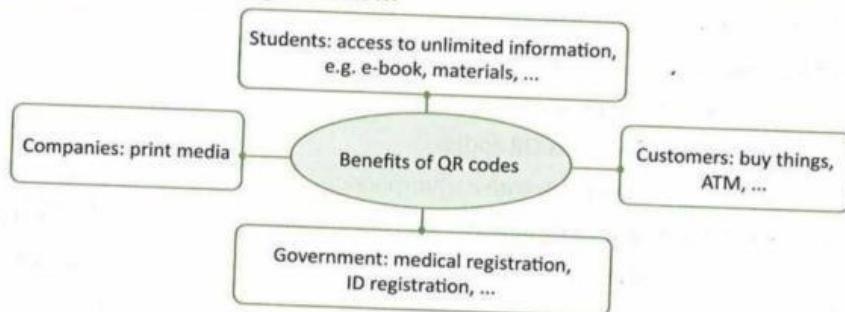
6. *Engineers create robots for making the job easier for people.*

- Robots are useful for people to make their jobs easier.
- Robots are created by engineers to make the job easier for people.
- Engineers create robots to reduce job opportunities for people.
- Easy jobs are made for people by robots.

7. *Smoking is not allowed in the laboratory.*

- People are forbidden to smoke inside the laboratory.
- It is essential that smoking should be forbidden in the laboratory.
- You can smoke when working in the laboratory.
- Smoke is prevented inside the laboratory.

VII *QR code is considered to be one of the breakthroughs of the twenty-first century. Write a paragraph of at least 120 words to describe three benefits of QR codes, using the suggested ideas in the diagram below.*



Include explanation or/ and examples in your answer.

