A.I. or artificial intelligence is the intelligence displayed by machines or software.

Many industries today use highly automated vehicles that can drive with almost no human intervention. Smart robots have replaced humans in stressful and dangerous jobs, and in assembly lines doing tasks such as packing and lifting heavy things.

In science and medicine, A.I. techniques help medical doctors to discover subtle interactions between medications that put patients at risk because of their serious side effects. Patients at highest risk of complications are also detected based on these techniques.

In navigation, devices using the GPS (Global Positioning System) help drivers or pilots to find the best routes to their destination by avoiding obstacles, traffic jams, and accidents.

In military, A.I. robots are used to explore dangerous environments containing explosives or contaminated by nuclear weapons.

In communication, the voice recognition systems in smartphones or other electronic devices can identify our speech, and are getting better at understanding our intentions. A.I. algorithms can also help to detect faces and other features in photos sent to social networking sites and automatically organise them. Internet search engines such as Google and Bing provide hundreds of millions of people with search results related to weather, traffic predictions, book recommendations, educational institutions, music, films, and games. A.I. applications on the Internet can translate web pages in real time, and even help users to learn new languages.

Many A.I. experts believe that A.I. technology will soon make even greater advances in many other areas. Modern robots will be more intelligent and replace humans in many dangerous jobs and environments. This will certainly improve our lives in the near future.

1. Which statements best summarize the applications of A.I. as described in the text?

A) A.I. assists in various industries and applications such as automated driving, medical risk assessment, navigation, and communication.

B) A.I. contributes to medication interactions, GPS-based navigation, voice recognition, and internet-based services.

C) A.I. is utilized in industries for automated vehicles, smart robots, medical risk detection, navigation aids, communication enhancements, and military exploration.

D) A.I. improves safety in driving, aids medical risk assessment, assists in navigation, and contributes to communication through voice recognition and internet-based services.

2. What types of A.I. technology can be seen in today industries?

A Human-like robots.

B Automated cars.

C Machines controlled by humanoids.

D Packing and lifting machines.

3. Which of these A.I. applications in medicine is mentioned in the text?

A Operating on patients at highest risk of complications.

B Helping to treat unhealthy organs.

C Finding out about the serious side effects of soM medications.

D Discovering how medications interact within human body.

4. How can the GPS help you?

A Recommend your destination.

B Show you the fastest way to your destination.

C Show you how to get out of traffic jams.

D Drive the car automatically.

5. What is the function of voice recognition?

A Identifying human voices.

B Copying human commands.

C Recording human voices.

D Translating human commands.