improve, experts, translate, provide, intentions, identify, recognition, containing, obstacles, destination, routes, navigation, detected, side effects, subtle interactions, lifting, assembly lines, replaced, intervention, vehicles, industries, displayed

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

Many _____ today use highly automated _____ that can drive with almost no human _____. Smart robots have _____ humans in stressful and dangerous jobs, and in _____doing tasks such as packing and _____ heavy things.

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

In _____, devices using the GPS (Global Positioning System) help drivers or pilots to find the _____ to their _____by avoiding _____, traffic jams, and accidents.

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

In communication, the voice _____ systems in smartphones or other electronic devices can _____ our speech, and are getting better at understanding our _____. 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 _____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 _____ web pages in real time, and even help users to learn new languages.

Many A.I. _____ 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 _____ our lives in the near future.

LIVEWORKSHEETS