**Part 1: Vocabulary and introduction**

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| **Difficult word/phrase** | **Translation** | **Easier replacement** |
| artificial | artificiell | (not made by nature/fake) |
| humanity | mänskligheten | people/(the kindness of people) |
| uprising | uppror | violent effort by a group of people |
| realize | inse | (understand/make real/achieve) |
| achieve | uppnå | (accomplish or gain with effort) |
| liberate | befria | free |
| enslave | förslava | (capture into slavery) |
| novelist | romanförfattare | book writer |
| researchers | forskare | (people who work to find information) |
| perform | prestera | (do/complete) |
| specific | specifika | particular |
| surpasses | överträffar | becomes better than |
| ethical | etisk | (honest and right) |
| applications | applikationer | uses |
| some observers | några observatörer | some people (who are watching something) |
| mathematician | matematiker | math expert |
| deciphering | dechiffrera | figuring out |
| contributed | bidrog | added/gave |
| recipient | mottagare | receiver |
| benevolent | välvillig | kind and helpful |
| Infallible | Ofelbar | Never failing |
| deceived | lurade | lied-to |
| fraudsters | bedragare | criminals who cheat people |
| legislation | lagstiftning | laws (and law making) |
| inevitable | oundviklig | cannot be avoided or stopped |
| democracy | demokrati | (system or country where leaders are chosen by votes) |
| prominent | bemärkt | well-known/obvious |

Watch this video: https://youtu.be/gc6wnnqqXss

**Part 2: Dialogue**

Work in pairs (or in a group of three). Read the dialogue ( https://youtu.be/NVgpf-SFs0g )

**Dan** Hello and welcome to 6 Minute English. I'm Dan and joining me today is Neil. Hi Neil.

**Neil** Hi Dan. What’s with the protective gear and helmet?

**Dan** I’m just getting ready for the inevitable rise of the machines. That’s the takeover of the world by artificial intelligence, or AI, which some people predict will happen.

**Neil** Inevitable means cannot be avoided or stopped. Rise of the machines? What do you mean?

**Dan** It’s our topic in this 6 Minute English. We’ll be talking about that, giving you six related pieces of vocabulary and, of course, our regular quiz question.

**Neil** That’s the first thing you’ve said that makes any sense. What’s the question?

**Dan** The word ‘robot’ as we use it today was first used in a 1920’s Czech play ‘Rossum’s Universal Robots’. But before this, what was its original meaning?  
a) forced labour  
b) metal man  
c) heartless thing

**Neil** I will go for a) forced labour

**Dan** We’ll find out if you were right or not later in the show.  
  
**Neil** OK Dan. Tell me what’s going on.

**Dan** I saw a news article written by BBC technology correspondent Rory Cellan-Jones about the recent CES technology show in Las Vegas. He interviewed David Hanson, founder of Hanson Robotics, who said it was his ambition to achieve an AI that can beat humans at any intellectual task.

**Neil** Surely it’s a good thing! Better AI and robotics could take over many of the jobs that we don’t want to do, or that are so important to get 100% right… like air traffic control. We’d never have another plane crash. It would be infallible because it would be so clever.

**Dan** Infallible means never failing. And that’s what bothers me. What happens when its intelligence surpasses ours? Why should it do what we want it to do?

**Neil**  
To surpass something is to do or be better than it. Dan, you’ve been watching too many movies. Robots fighting humanity is a popular theme. Guess what… humanity often wins. And besides, we would programme the computer to be benevolent.

**Dan**  
Benevolent means kind and helpful. But that’s just it, once the intelligence becomes sentient, or able to think for itself, who knows what it will do. We humans are not exactly perfect, you know. What happens if it decides that it is better than us and wants us out of the way?

**Neil**  
Don’t worry. Asimov thought of that. Isaac Asimov was an American science fiction writer who, among other things, wrote about robots. He came up with three laws that every robot would have to follow to stop it from acting against humanity. So we’re safe! /…/

**Dan**  
I asked you what the original meaning of the word ‘robot’ was before it was used in its modern form.  
a) forced labour  
b) metal man  
c) heartless thing

**Neil**  
And I said a) forced labour

**Dan**  
And you were… right!

**Part 3: Debate exercise**Work in pairs (or in a group of three)

Pupil says “I think artificial intelligence will help us create a better world.”

Pupil B has to reply to the statement by saying **‘I couldn’t disagree more’**and **then give a reason why.**

**Part 4: Listening comprehension exercise in DigiExam**