

# 10<sup>th</sup> cycle final test

Read the following article.

## Robot teachers

If you think of the jobs robots could never do, you would probably put doctors and teachers at the top of the list. It's easy to imagine robot cleaners and factory workers, but some jobs need human connection and creativity. But are we underestimating what robots can do? In some cases, they already perform better than doctors at diagnosing illness. Also, some patients might feel more comfortable sharing personal information with a machine than a person. Could there be a place for robots in education after all?

British education expert Anthony Seldon thinks so. And he even has a date for the robot takeover of the classroom: 2027. He predicts robots will do the main job of transferring information and teachers will be like assistants. Intelligent robots will read students' faces, movements and maybe even brain signals. Then they will adapt the information to each student. It's not a popular opinion and it's unlikely robots will ever have empathy and the ability to really connect with humans like another human can.

One thing is certain, though. A robot teacher is better than no teacher at all. In some parts of the world, there aren't enough teachers and 9–16 per cent of children under the age of 14 don't go to school. That problem could be partly solved by robots because they can teach anywhere and won't get stressed, or tired, or move somewhere for an easier, higher-paid job.

Those negative aspects of teaching are something everyone agrees on. Teachers all over the world are leaving because it is a difficult job and they feel overworked. Perhaps the question is not 'Will robots replace teachers?' but 'How can robots help teachers?' Office workers can use software to do things like organise and answer emails, arrange meetings and update calendars. Teachers waste a lot of time doing non-teaching work, including more than 11 hours a week marking homework. If robots could cut the time teachers spend marking homework and writing reports, teachers would have more time and energy for the parts of the job humans do best.

Choose if the statements are **True** or **False**.

- |                                                                     |             |              |
|---------------------------------------------------------------------|-------------|--------------|
| 1. Most jobs seem as if they can be done by robots or computers.    | <b>True</b> | <b>False</b> |
| 2. Robots are always better at diagnosing illness than doctors.     | <b>True</b> | <b>False</b> |
| 3. Many experts agree robots will replace teachers by 2027.         | <b>True</b> | <b>False</b> |
| 4. One advantage of robot teachers is that they don't need to rest. | <b>True</b> | <b>False</b> |

5. Robot assistants could help teachers by marking homework.

True

False

6. Some teachers use robots to reduce their time answering emails and marking homework.

True

False

**Choose the best answer.**

1. It's easy to think robots ...

- a. will replace people even if we don't like the idea.
- b. are more capable than people and it's true.
- c. can do less than people but it's not always true.

2. Anthony Seldon thinks teachers in the future will ...

- a. help robots in class.
- b. teach knowledge to students.
- c. no longer exist.

3. Robots will probably never ...

- a. have human understanding of emotions.
- b. be a popular choice for teachers.
- c. be intelligent enough to work in education.

4. Some parts of the world ...

- a. pay robots to teach.
- b. already use robots in teaching jobs.
- c. have a shortage of teachers.

5. Teachers ...

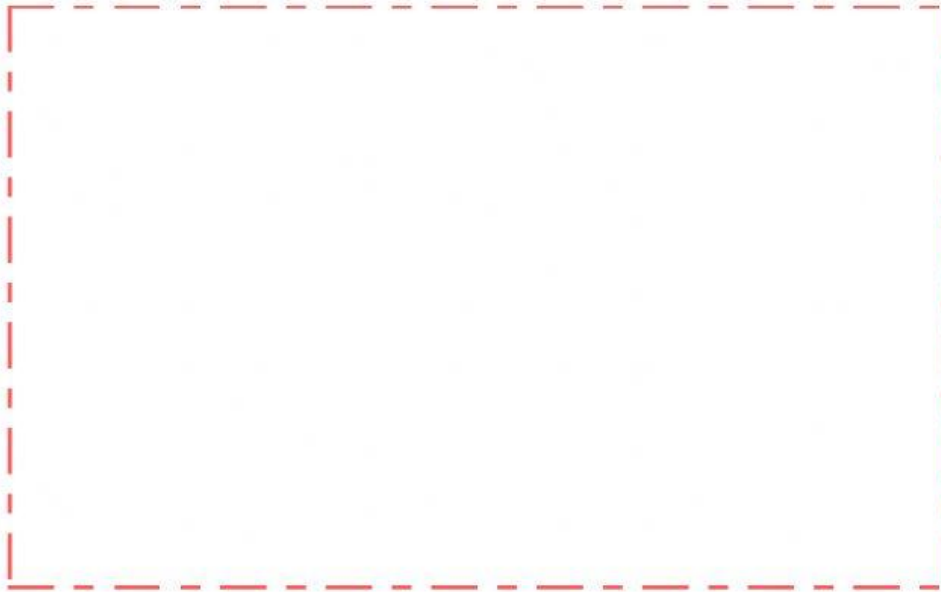
- a. work harder than office workers.
- b. have less help than office workers.
- c. leave their jobs to become office workers.

6. Robots could ...

- a. empathise with students.
- b. mark homework.
- c. prepare lessons

## **Taking action on climate change**

**Watch the following video.**



**Answer the next questions based on the video.**

1. What causes climate change?
2. Why is climate change a problem?
3. What can we do to prevent it?

**Choose the best answer for each point based on the video.**

1. According to the speaker, greenhouse gases are produced by...
  - a. heat from the sun
  - b. the actions of people
  - c. the sun's rays, and also the actions of people
  - d. the video doesn't say

2. Which of these things is a greenhouse gas?
  - a. carbon monoxide
  - b. carbon dioxide
  - c. oxygen
  - d. the video doesn't say
3. Which of these ways to generate power provides a clean source of energy?
  - a. Gas
  - b. Oil
  - c. Wind power
  - d. They are all clean sources of energy
4. Which of these things can help reduce levels of carbon monoxide?
  - a. Driving to work
  - b. Heating with coal instead of gas
  - c. Using public transport
  - d. Leaving your TV on standby, rather than switching it off
5. Which of these predictions about climate change does the video make?
  - a. If the planet gets warmer, then polar bears will become extinct
  - b. If the planet gets warmer, then we can expect more floods
  - c. If the planet gets warmer, then fuel will become less expensive
  - d. If the planet gets warmer, then sea levels will rise
6. The word '**extinct**' means...?
  - a. To become scarce or rare
  - b. In need of protection
  - c. To become endangered
  - d. Something that has died out, and no longer exists
7. Choose the best answer to complete this statement: "*If the planet continues to heat up, ..... expect to experience more extreme weather.*"
  - a. then we will
  - b. then can we
  - c. then we can
  - d. then should we