

3. Kathy considers herself as a...
 b) horrible passenger b) terrible passenger c) an awful passenger
4. She wants to see if she...
 b) will trust the machine b) will drive it c) will survive

These are the feelings of Kathy after the experiment. Underline the wrong answers:

It's absolutely mind-bending! I'm delighted! It's totally terrifying! I'm so scared! I'm absolutely frightened! I'm going mad! It's totally crazy!

Answer the questions:

1. Will Kathy trust the driverless car in the end of the experiment?
 Yes, she will. She thinks the car drives better than she does.
2. Why does she think it's safe? How does the driverless car function?
 First, people pre-program the car. Then there is a scanner on top of the car with 64 lasers to send signals about the objects around. The car knows how far the objects are. There is also a system measuring acceleration and rotation around three axis of the car and combines this with GPS to estimate the vehicle's position. All the information along with data from on-board cameras is processed with tremendous speed by the software. That way the system can make decision very quickly and control the steering, acceleration and breaking with an incredible speed.
3. What are the advantages of this new generation car according to the engineer Sebastian Thrun?
 Going to work relaxed, just pushing a button and programming "Wake me up when I'm at work". The car is never tired, it looks in all directions at the same time, it never overlooks things, you don't have to look for parking – it parks itself.

4. What happened in Sebastian's life that made him invent this car?

His friend died in a car accident.

5. Does Sebastian see the driverless car as a replacement of humans?

No, he doesn't. He sees it as an improvement on us.

6. Where is this car less predictable? What are the challenges?

To drive in the city, on the public roads, where there are pedestrians and traffic lights on the highway.

7. What is the most popular cause of death on the roads every year?

People die on the roads because of the distractions like changing the radio station or opening a bottle of water.

8. What US state is already passing laws to allow autonomous vehicles on the road?

It's Nevada.

9. What will be one of the obstacles to promote the driverless cars?

To persuade people who love to drive.

10. Do you think that a driverless car will replace a motorcar in future? Why?