

РЕПУБЛИКА СРБИЈА

МИНИСТАРСТВО ПРОСВЕТЕ, НАУКЕ И ТЕХНОЛОШКОГ РАЗВОЈА

ПРИЈЕМНИ ИСПИТ
ЗА ОДЕЉЕЊЕ ЗА ДВОЈЕЗИЧНУ НАСТАВУ – ЕНГЛЕСКИ ЈЕЗИК

Јуни 2015. године

1. LISTENING COMPREHENSION

5 x 1 points

You are going to listen to a story told by a pilot about what life looks like from the sky. While you are listening, you can mark your answers on this sheet. You will have two minutes to read through the questions before you hear the story. You will hear it three times.

Circle the correct answer.

1. According to the text, the passengers on the right side of the plane:
 - a) are only interested in seeing the river Thames.
 - b) have the best view of the river Thames.
 - c) can see the Suffolk coast better than the pilot.
 - d) always gaze at the aquarium on the plane.

2. According to the text, the flight across Eurasia is:
 - a) mostly over land.
 - b) mostly over water.
 - c) half over land, half over water.
 - d) None of the above.

3. During long-haul flights, pilots see:
 - a) ice, two thirds of the flying time.
 - b) clouds, 70% of the flying time.
 - c) mostly water in its various forms.
 - d) ocean only, as a form of water.

4. According to the text, pilots from the cockpit:
 - a) can watch storms develop in real time.
 - b) cannot clearly see new rain form from storms.
 - c) can influence storms develop in front of them.
 - d) All of the above.

5. According to the text, airline companies:
 - a) owe quite a lot to the Wright brothers.
 - b) use a brand new code for communication between them.
 - c) still use an old-fashioned language that sailors use.
 - d) None of the above.

2. GRAMMAR AND VOCABULARY (30 minutes) 10 x 0.25 points

Circle the correct answer:

6. I'm hoping to visit London _____ the end of the week.
a) on b) in c) at d) about
7. I don't think you can enroll in this class _____.
a) no more b) any longer c) none longer d) not more longer
8. Robots will perform a lot of jobs that used to _____ by hand.
a) do b) be done c) doing d) have done
9. Angelina refuses to play this role unless her husband _____.
a) will get involved b) gets involved c) involves d) shall involve
10. When I was swimming, I saw a _____ of fish.
a) block b) flock c) school d) herd
11. I am afraid there is very _____ I can do to calm Tina down right now.
a) little b) much c) many d) few
12. _____ Statue of Liberty is _____ colossal statue at the entrance of New York harbor.
a) the/the b) -/a c) -/the d) the/a
13. The dogs stopped _____ two seconds ago, and I am feeling better.
a) to bark b) barking c) to be barked d) to be barking
14. A: "How can I correct this problem?"
B: "I think I know _____."
a) how you can correct it b) how can you correct it
c) that you can correct it d) how can it corrects
15. _____ we sleep, _____ rested our minds.
a) Better/more b) the better/the more c) The best/the most d) best/most

II Circle the one underlined part that has a grammatical error. Write your correction on the line provided under the sentence. Mind your spelling.

5 x 0.25 points

16. The South American country of Uruguay is about the same size that the state of Washington in the United States.

17. While snow often falls in north part of the state, such weather rarely if ever occurs in the rest of the state.

18. Though Elvis Presley has died several decades ago in Tennessee, some of his most devoted fans cling to the belief that he is alive.

19. Even tough the hotel guests complained about the lack of clean towels and the bugs in the rooms, none was angry enough to leave the hotel.

20. People not used to live alone, often find life after divorce hard.

III Find one word that best fits the description given and write it on the line provided. Mind your spelling.

5 x 0.25 points

21. to be given an academic degree or a diploma = _____

22. A natural, astronomical body, such as a moon, planet, comet, or other solar system body, that orbits a larger body = _____

23. a game in which two teams of eleven players try to kick or head a ball into their opponent's goal, only the goalkeeper on either side being allowed to touch the ball with his hands and arms except in the case of throw-ins = _____

24. the front part of the face below the lips = _____

25. a construction material made of a mixture of cement, sand, stone, and water that hardens to a stonelike mass = _____

3. READING COMPREHENSION (30 minutes)

5 x 1 points

You are going to read a text about how robots are influencing and will influence our lives in the future. Choose only one answer for each question and circle the letter in front of it.

Robot Reality: How Robots Will Change Our Lives

The robots are coming and their presence will eventually dramatically influence human life, experts say. While a lot of attention has focused on how robots could hurt employment by replacing some human jobs, there are a number of positive ways robots may impact human life. Here are some ways robots may change your life in the future.

As robots become more social, humans will encounter more and more robots in the service industry. At first, humans will increasingly encounter robots more via telecommunications and it will become harder for them to distinguish robots from humans. And eventually, robots will begin to replace more service jobs – like waiting tables. There are already novelty robots in some places, including Japan where robots act as servers, taking and delivering orders. However, because robots will be connected to the Internet, they will be able to access all of the information that is available about you online to predict what you may like to order.

Robots used for medical purposes will also change the way we treat ailments. Researchers are experimenting with using tiny robots to perform heart surgery. Engineers at *Autodesk* are also working with medical researchers to help them develop nano-robots that could be injected into cancer patients to kill some cancer cells. For people with impairments like a spinal cord injury, robotics may also be able to assist in the rehabilitation process.

People may be able to rent a robot in another location to travel or experience new things. For example, say someone wanted to go to attend an opera performance, but couldn't afford to go the traditional way. They could rent a robot in that location and enjoy everything about the experience as if they were there.

Also, a number of schools in the U.S. are already adopting robots into the classroom, not as replacements for teachers, but as teaching assistants that can be programmed to teach just about anything. "The cool thing robots do in the classroom is that they turn classes where you learn facts in a vacuum into classes where you solve real-world problems you really have," Nourbakhsh said. "You work on real challenges, you sense air pollution, you make a kinetic sculpture that motivates your mom to stop smoking – so you are learning about biology, programming, craft, rhetoric and air quality all at once. Robots integrate across disciplines."

26. According to the text:

- a) robots have changed our lives for the better.
- b) robots will hurt people's feelings.
- c) robots will take over most human jobs.
- d) None of the above.

27. According to the text, the main advantage of a robot over a human is:

- a) their ability to communicate more clearly.
- b) the fact that they are very careful waiters.
- c) that they will have more information about their customers.
- d) All of the above.

28. The use of robots for medical purposes:

- a) is restricted to heart surgeries.
- b) may help cure cancer patients in the future.
- c) will take away all the human jobs in rehabilitation processes.
- d) None of the above.

29. According to the text, this is what future holds for us:

- a) It will be cheaper to travel places than rent a robot.
- b) Opera performances will no longer be visited by people.
- c) It will be more expensive to travel places than rent a robot.
- d) None of the above.

30. According to the text, robots:

- a) can help school children learn more effectively.
- b) are used to help children memorize the pure facts.
- c) can help teach up to five subjects at a time.
- d) None of the above.