DURÉE: 45 MINUTES

1) Thanks for the Conference of Newspaper Reporters.a) attendb) attending
c) be d) being
2) The skyscrapers have been built fairly close to
3) What did the air hostess to the passengers? a) saying b) says c) say d) said
4) interested in joining RDC must send their applications to the HR department. a) Those b) These c) This d) That
5) Participants
6) If you are running late
7) Mr. Thompson in charge of internal affairs since 2011. a) is b) was c) has been d) had

8) We cannot send your order we receive payment. a) already b) still c) yet d) until
9) Who is responsible for the payment? a) make b) making c) done d) do
10) In an absolute auction, property goes to the highest bidderof price.a) regardingb) regardlessc) regardsd) regard
11) most professionals, doctors work long hours. a) As b) Such as c) Like d) Alike
12) Marketing costs are the department predicted. a) as high b) higher as c) highest than d) higher than
13) The information in this data bank is constantly being
14)
15) It was such an excellent internship report that Mrs. Jones

16) Your refund will be processed our warranty claims department. a) through b) outer c) inner d) along
17) What does Mr. Stevens have to do if he does not get his refund
18) Reservations until 4.00 pm unless guaranteed by credit card. a) going be hold b) going be held c) will be hold d) will be held
19) The report was about a music school in Soweto, South Africa, and a group of guitar players who
20) This is the first time that I have been charged a
21) Could you please the additional information? a) explain b) explain me c) said d) say me
22) The truck driver decided to pull over at the rest stop and take a
23) The company celebrated the opening of its first

24) The heat was so intense that the firefighters evacuate the building.a) should tob) had toc) must tod) need to
25) We were able to
26), when conducting personal business, she sometimes uses her writer's name.a) Now and daysb) Nowadaysc) In a first timed) First in
27) Eventually we
28) When you
29) To attract customers who might not be interested, offer a free gift.a) otherwiseb) besidesc) exceptd) whether
30) Not only is there considerable demand for the bags they also attract attention in the street, which means free advertising for the supermarket.a) andb) butc) sod) like

eading Comprehension and Questions

Us. And them.

Someone types a command into a laptop, and Actroid-DER jerks upright. She raises her arms and the corners of her mouth lift to form a smile. She blinks, then turns her face towards me. 'Are you surprised that I'm a robot?' she asks. 'I look just like a human, don't I?'

Her comment has the effect of drawing my attention to the many ways that she does not. Developed in Japan by the Kokoro Company, the Actroid-DER android can be rented to serve as a kind of receptionist at corporate events, a role that admittedly is not the most demanding. But in spite of the \$250,000 spent on her development, Yume, as she is known, moves jerkily, and her inelastic features give her lovely face a crazed look. She also appears to nod off between remarks, like a person who has lost interest in a conversation.

Actroid androids are part of a new generation of robots, designed to function not as industrial machines but as agents that we can more easily feel emotionally connected to, capable of taking on roles in our homes, schools and offices: cooking, folding the laundry, and even babysitting our children. 'In five or ten years robots will routinely be functioning in human environments,' says Reid Simmons, a professor at Carnegie Mellon.

Such a prospect leads to a cascade of questions. How much everyday human function do we want in our machines? What should they look like? Do we want androids like Yume in our kitchens or are they just creepy? Will these robots change the way we relate to each other? In another building not far away, HERB sits motionless, lost in thought. Short for Home Exploring Robotic Butler, HERB is being developed by Carnegie Mellon as a prototype service robot that might care for the elderly and disabled in the future. With Segway wheels for legs and computers for a body, HERB isn't going to win first prize in a beauty contest. But unlike Yume, HERB does have something like a mental life.

Traditional robots can be programmed to carry out very precise actions, but only within a very structured environment, like a factory production line. HERB is being programmed to 'think' for himself: to negotiate human spaces and move around without bumping into people who are themselves in motion. HERB's perception system consists of a video camera and a laser navigation device which control his mechanical arm. The arm is pressure-sensitive: a necessity if he is to help an elderly widow to the bathroom without catapulting her through the door.

HERB can pick up a juice box, hold it upright and place it down again gently. He can tell its shape and how easily it can break. To the uninitiated, these accomplishments might seem unimpressive. Picking up a drink is not a very difficult task for most of us. It's also a simple act for an industrial robot programmed for that specific action. But the difference between a social robot like HERB and a conventional factory robot is that HERB knows the object is a juice box, and not a teacup or a glass of milk.

This understanding involves a great deal of mathematics and computer science, but it boils down to 'taking in information and processing it intelligently in the context of what he already knows about his world'.

So HERB is on the move but he still has his limitations. To function in human spaces, at the moment he just has a digital bicycle horn that he honks to let people know he's getting near them; if a room is crowded, he takes the safest course of action and simply stands there, honking at everybody. Other robots are now probing the world of human emotions. One prototype developed at Vanderbilt University plays a simple ball game with children. The robot monitors a child's emotions by measuring minute changes in heartbeat, sweating and gaze. When it senses boredom or irritation, it changes the game until signals indicate the child is having fun again. There is no linguistic interaction, but it is a first step toward replicating a key aspect of humanity: recognising others' feelings, and adjusting your behaviour accordingly. But of course, as Yume confesses, 'I'm not human! I'll never be exactly like you.'

Source: www.ngllife.com/content/reading-texts-word, mai 2013

- **31)** Which statement best summarizes the first paragraph?
- a) Yume the Actroid-DER suddenly comes to life
- b) Yume the Actroid-DER types a command into a laptop
- c) Yume the Actroid-DER is surprised that she's a robot
- d) Yume the Actroid-DER has a staring gaze
- 32) If a company rents Yume, what would she be expected to do?
- a) Raise her arms and lift the corners of her mouth to form a smile
- b) Blink, then turn her face
- c) Serve as a kind of receptionist at corporate events
- d) Nod off between remarks
- 33) If you consider the routine functioning of robots in human environments to be "creepy" (paragraph 4, line 3), this means:
- a) You feel uneasy
- b) You feel excited
- c) You feel sad
- d) You feel angry

34) HERB is:

- a) A robotic butler who is already more developed than Yume
- b) A robotic butler who has the same name as Yume
- c) A robotic butler who has a more developed mental life compared to Yume
- d) A robotic butler who has the same mental life as Yume
- **35)** Why is HERB's arm "pressure sensitive"?
- a) To help people bump into things
- b) To help people carry heavy objects
- c) To help elderly women who live alone to manage in the bathroom
- d) To catapult widows through a door
- **36)** When HERB gets near people he:
- a) Pushes a hooter to make a noise
- b) Presses a light to make it shine
- c) Pushes a juice box to get more juice
- d) Presses a digital keyboard to type letters

- **37)** The word "probing" in the first line of the last paragraph, is closest in meaning to:
- a) Ignoring
- b) Belittling
- c) Suggesting
- d) Examining
- **38)** According to the information in the text, the first step towards a robot being able to replicate a key aspect of humanity is to enable the robot to:
- a) Change its behaviour according to the feelings of others
- b) Interact linguistically with others
- c) Play a ball game with children
- d) Become exactly like humans
- 39) Based on the information in the text, what can we infer about HERB?
- a) Unlimited movement will be due to robotic honking horns
- b) Having fun with children will be the most important robotic feature
- c) Linguistic communication with robots will eventually be possible
- d) Humans will always be high functioning robots at the end of the day
- **40)** After reading the article, select the best description of an Actroid-DER:
- a) A Droopy Enriching Robot
- b) A Dramatic Entertainment Robot
- c) A Daring Eager Robot
- d) A Detailed Energy Robot