



ANGLAIS

Fears of the impact of new technology may be overdone.

A SPECTRE is haunting workers –the rise of Artificial Intelligence (AI). The fear is that smart computer programs will eliminate millions of jobs, condemning a generation to minimum-wage drudgery or enforced idleness. Never mind the robots, fear the software.

5 There is no need to be gloomy, say Ken Goldberg of the University of California, Berkeley, and Vinod Kumar, the chief executive of Tata communications, a unit of India's biggest business house (which stands to profit from the spread of AI). They have spread a report that is much more optimistic about the outlook for ordinary employees. In many cases, it says, job satisfaction will be enhanced by the elimination of mundane tasks, giving people time to be more creative.

10 Their views are backed up by a survey of 120 senior executives, conducted for the report, which found that more of them (77 %) thought that AI would create new roles than believed it would replace existing positions (57 % respondents could choose both options). Extra skills may be needed to cope with the new technology and more than half of the bosses are already taking steps to train their workforces.

15 Previous technology shifts have not had as negative effects on employment as was first feared. The authors note some well-known examples. Bar-code scanners did not eliminate the role of cashiers in America; jobs in the retail industry grew at an annual rate of more than 2 % between 1980 and 2013. The arrival of Automated Teller Machines (ATMs) spared bank employees the job of doling out cash and freed them to offer financial advice to customers.

20 Some jobs could be made a lot easier by AI. One example is lorry-driving. Some fear that truck drivers will be replaced by autonomous vehicles. But maneuvering a lorry around busy streets is far harder than driving down the motorway. So, the driver could switch into automatic mode (and get some rest) when outside the big cities, and take over the wheel once again when nearing the destination. The obvious analogy is with jetliners, where the pilots handle take-off and landing but turn on the computer to cruise at 35,000 feet. Using AI may prevent tired drivers from causing accidents.

25 Turning to office life, AI can help with complex and fiddly tasks like managing supply chains, allocating desk space and keeping records of meetings. All this can free up time for people to work on more important strategic decisions. The authors also think that AI could help collaboration within companies. One obvious example is the elimination of language barriers. Multinational companies may have employees who lack a common language; AI can handle translation in real time so that dialogue is easier.

Source: The Economist USA 09/15/2018, Page 70.

I) READING COMPREHENSION (8 marks)

A) Find in the text SYNONYMS for the following words or phrases. (2 marks)

- 1) Reinforced (parag. 2) =
- 2) To face (parag. 3) (put a phrasal verb) =
- 3) Clients (parag. 4) =
- 4) Delicate or difficult (parag. 6) =

B) Are these sentences TRUE or FALSE? Write T or F and justify by quoting the text. (3 marks)

- 5) The robots phenomenon seems to be the biggest menace to workers these days. .../...
Justification:
- 6) In the retail industry, it took 43 years for the jobs to grow. .../...
Justification:
- 7) According to the author, AI can reinforce collaboration in the field of work. .../...
Justification:
- 8) There is no doubt that AI will allow easy communication within multicultural firms. .../...
Justification:

C) What do the following figures refer to in the text? (2 marks)

- 9) **77 %** (line 10)
- 10) **57 %** (line 11)
- 11) **2 %** (line 16)
- 12) **35,000** (line 24)

D. Complete the sentences meaningfully using information from the text. (1 mark)

- 13) People should not worry about Artificial Intelligence because
- 14) Artificial Intelligence could bring invaluable changes in the job field in the sense that it...

II) LINGUISTIC AND COMMUNICATIVE COMPETENCE (8 marks)

E. Complete the sentences with the correct form of the words in brackets. (2 marks)

- 15) Handheld devices haveour world. (revolution)
- 16) The engineers'is that, in the near future, AI will be widespread. (believe)
- 17) The use of some gadgets is still not.....(satisfaction)
- 18) Nowadays, all documents can be scanned and.....(computer) to keep them in a format other than paper.

Epreuve du 1^{er} groupe**F. Use the correct form of the words to complete the dialogue below meaningfully.. (3.5 marks)**

A: Hi Paul, I want 19)(buy) a laptop; what do you advise me 20).....(do) ?

B: If I 21) (be) you, I would buy a Dell machine.

A: 22) (buy) that brand ?

B: Because they are very sophisticated and their battery lasts long.

A: Ok 23) (purchase)?

B: You can purchase that brand at CCBM Electronics. Do 24) (you/know) it is located ?

A: No, not at all. I don't know its location.

B: Right; let me drive you there. I am your best friend, 25) ?

A: Yes, you are. Thanks a bundle, my friend.

B: You're welcome.

G. Reformulate the sentences without changing their meaning. (2.5 marks)

26) Some jobs could be made a lot easier with Artificial Intelligence.

- Artificial Intelligence.....

27) "I don't really know how to use this machine", he said.

- He said (that)

28) Robert started using this computer since primary school, and he is still using it.

- Robert has.....

29) Our digital manager came near to losing his Mac.

- Our digital manager

30) I would rather not buy this kind of laptop.

- I would prefer.....

I. WRITING: Choose ONE topic and write about 150 to 200 words about it. (4 marks)

31.a)- **TOPIC 1**: Do you think that Artificial Intelligence represents a real menace to human creativity? Why or why not? Give specific examples and details to support your point.

31.b)- **TOPIC 2: Letter Writing**

You are John Edouard, Villa 424 Liberté 6 Dakar. Write a letter to the minister of telecommunications in Senegal to tell him/her about the dangers of using social networks like WhatsApp, Facebook, etc... Suggest some solutions too.

