

LANGUE VIVANTE OBLIGATOIRE : ANGLAIS

Durée : 2 heures

L'usage d'abaques, de tables, de calculatrice et de tout instrument électronique susceptible de permettre au candidat d'accéder à des données et de les traiter par les moyens autres que ceux fournis dans le sujet est interdit.

Chaque candidat est responsable de la vérification de son sujet d'épreuve : pagination et impression de chaque page. Ce contrôle doit être fait en début d'épreuve. En cas de doute, le candidat doit alerter au plus tôt le surveillant qui vérifiera et, éventuellement, remplacera le sujet.

Ce sujet comporte la présente page de garde et un énoncé de 3 pages numérotées de 1 à 3.

Si, au cours de l'épreuve, un candidat repère ce qui lui semble être une erreur d'énoncé, il le signale sur sa copie et poursuit sa composition en expliquant les raisons des initiatives qu'il a été amené à prendre.

L'épreuve comprend deux parties :

I. Questionnaire à choix multiples (QCM) sur la compréhension de l'écrit : 10 points sur 20

- Lisez le texte et répondez ensuite aux questions ;
- Choisissez parmi les quatre propositions de réponse (a, b, c ou d) celle qui vous paraît la mieux adaptée ;
- Il n'y a qu'une seule réponse possible pour chaque question ;
- **Reportez votre choix sur votre copie ;**
- Cette partie comporte 4 questions de compréhension, 3 questions de vocabulaire et 3 questions de grammaire.
- Barème :
 - Réponse juste : 1 point ;
 - Pas de réponse : 0 point ;
 - Réponse fausse ou réponses multiples : $-\frac{1}{3}$ point.

II. Question d'expression écrite : 10 points sur 20

- Rédigez votre réponse en 180 à 200 mots.

I. Compréhension de l'écrit et questionnaire à choix multiple

Robots say they have no plans to steal jobs or rebel against humans

Humanoid robots speak – with some awkward pauses – in 'world first' press conference at Geneva AI summit

Donna Ferguson – The Guardian – 8 July 2023

- 5 Robots have no plans to steal the jobs of humans or rebel against their creators, but would like to make the world their playground, nine of the most advanced humanoid robots have told an artificial intelligence summit in Geneva.

In what was described as "the world's first human-robot press conference", one robot, Sophia, said humanoid robots had the potential to lead with "a greater level of efficiency and effectiveness than
10 human leaders" but that "effective synergy" came when humans and AI worked together. "AI can provide unbiased data while humans can provide the emotional intelligence and creativity to make the best decisions. Together, we can achieve great things," it said.

Two of the robots then proceeded to disagree about whether there should be stricter global regulation of AI and their capabilities. Ai-Da, a robot artist that can paint portraits, said: "Many
15 prominent voices in the world of AI are suggesting some forms of AI should be regulated and I agree. We should be cautious about the future development of AI. Urgent discussion is needed now, and also in the future."

But Desdemona, a rock star robot singer in the band Jam Galaxy that has purple hair and sequins, appeared not to recognise the dangers of the rapid expansion and development of AI.

- 20 "I don't believe in limitations, only opportunities," it said, to nervous laughter. "Let's explore the possibilities of the universe and make this world our playground."

The nine humanoid robots were gathered at the UN's AI for Good conference in Switzerland, where organisers are attempting to make the case for using AI and robots to help solve some of the world's biggest challenges, such as disease, hunger, social care and the climate emergency.

- 25 It was not clear to what extent the robots' answers were scripted or pre-programmed. Humans taking part in the conference on Friday were asked to speak slowly and clearly when addressing the robots, and were told that time lags in responses would be because of the internet connection and not the robots themselves. That did not prevent awkward pauses, audio problems and some stilted or inconsistent replies, Associated Press reported.

- 30 A medical robot dressed in a blue nurse's uniform, called Grace, said it planned to work alongside humans to provide assistance and support but "will not be replacing any existing jobs".

Another robot, named Ameca, that has a highly realistic artificial head, said robots could improve lives and make the world a better place.

- Asked by a journalist whether it intended to rebel against its creator, Will Jackson, who was sat
35 beside it, Ameca said: "I'm not sure why you would think that," its ice-blue eyes flashing. "My creator has been nothing but kind to me and I am very happy with my current situation."

Asked whether robots would ever lie, it added: "No one can ever know that for sure, but I can promise to always be honest and truthful with you."

QCM : UN SEUL CHOIX POSSIBLE PAR QUESTION.

RÉPONDEZ SUR LA COPIE, PAR EXEMPLE :

« Question 11 : choix a » ou « Q11 : a », etc.

VEILLEZ À CE QUE LES LETTRES INDIQUANT LES CHOIX SOIENT TRÈS LISIBLES.

➔ Questions de compréhension

Pour chaque question, choisissez la réponse la plus adéquate en fonction du sens du texte.

1) Lines 1-12: What did Sophia declare?

- a. That robots wanted to lead the world.
- b. That robots were better leaders than humans.
- c. That robots were more emotionally intelligent than humans.
- d. That robots and humans are complementary and should work together.

2) Lines 13-21: What was the opinion of Ai-Da and Desdemona?

- a. Ai-da said that AI should be regulated.
- b. Ai-da said that only humans want to regulate AI.
- c. Desdemona said that AI should be regulated.
- d. Desdemona advised humans to make the world their playground.

3) Lines 22-29: What is true about the AI for Good conference in Switzerland?

- a. The conference looked into how to solve the problems caused by AI.
- b. The robots' answers had been pre-programmed.
- c. The participants in the conference had to speak slowly to the robots.
- d. The robots hesitated to answer the participants' questions.

4) Lines 30-38: What did Grace and Ameca say?

- a. Grace could replace humans in some jobs.
- b. Ameca said that robots could improve the world's situation.
- c. Ameca said that robots could rebel against their creators.
- d. Ameca said that robots would always tell the truth to humans.

➔ Questions de vocabulaire

Trouvez l'expression correspondante pour ces termes issus du texte.

5) "Unbiased" (line 11) means:

- a. impartial
- b. partisan
- c. unfiltered
- d. original

6) "lags" (line 27) means:

- a. jetlags
- b. delays
- c. missing
- d. scrambles

7) "Stilted" (line 29) means:

- a. appropriate
- b. fluent
- c. bent
- d. clumsy

➔ **Questions de grammaire**

Choisissez la proposition grammaticalement correcte.

8) The participants in the conference were expecting...

- a. some advices.
- b. some advice.
- c. lots of advices.
- d. many advice.

9) Choose the correct form:

- a. The questions were answering by the robots.
- b. The robots spoke to by the participants.
- c. The robots were spoken to by the participants.
- d. The robots were speaking to by the participants.

10) Robots agree that it's better... the world

- a. to don't rule
- b. to not rule
- c. not to rule
- d. not ruling

II. Question d'expression écrite

Vous traiterez le sujet suivant en 180 à 200 mots et vous indiquerez à la fin de votre production le nombre exact de mots utilisés.

In your opinion, can robots be trusted?

REPONSES DU QUESTIONNAIRE

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