

Modèle CCYC : ©DNE

Nom de famille (naissance) :

(Suivi s'il y a lieu, du nom d'usage)

Prénom(s) :

N° candidat : N° d'inscription :

(Les numéros figurent sur la convocation.)

Né(e) le :

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Compréhension de l'oral, de l'écrit et expression écrite

L'ensemble du sujet porte sur l'axe 4 du programme : **Citoyenneté et mondes virtuels**

Il s'organise en trois parties :

1. Compréhension de l'oral ;
2. Compréhension de l'écrit ;
3. Expression écrite.

Afin de respecter l'anonymat de votre copie, vous ne devez pas signer votre composition, ni citer votre nom, celui d'un camarade ou celui de votre établissement.

Vous disposez tout d'abord de **cinq minutes** pour prendre connaissance de **la composition** de l'ensemble du dossier et des **consignes** qui vous sont données.

Vous allez entendre trois fois le document de la partie 1 (compréhension de l'oral).

Les écoutes seront espacées d'une minute.

Vous pouvez prendre des notes pendant les écoutes.

À l'issue de la troisième écoute, vous organiserez votre temps (**1h30**) comme vous le souhaitez pour rendre compte **en français** du document oral et pour traiter **en anglais** la compréhension de l'écrit (partie 2) et le sujet d'expression écrite (partie 3).

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Les documents :

- **Document vidéo**

Titre : *Senator Josh Hawley speaks about AI at the U.S. Senate hearing on Open AI*

Source: CBS, June 2023

- **Texte**

Inside the Battle to Contain - and Capitalize - on Artificial Intelligence

Does artificial intelligence (AI) pose an “extinction-level threat” to humankind or is it a remarkable “force for good” that could develop new drugs and gene therapies for previously incurable diseases (and make big tech firms billions of dollars along the way)?

- 5 Scientists, mathematicians and politicians from around the world will next week battle it out at the world’s first AI summit at Bletchley Park, the Buckinghamshire country estate where Alan Turing cracked the Enigma code that helped end the second world war.

- 10 Spoiler alert: the answer will almost certainly be “it’s both”, says today’s special guest, the Guardian’s global technology editor, Dan Milmo. But there will be an almighty fight over it as two of the three “godfathers of AI” are warning that AI could become so powerful and autonomous it could usurp humans. The third says the others have “dramatically overestimated the threat of an accidental AI takeover”, and introducing the regulation they want would only “slow down the progress of knowledge and science”.

- 15 The ringmaster will be Rishi Sunak, who convened the summit as part of his mission to turn the UK into a “new Silicon Valley”. [...]

- 20 The people worrying most about the threat of AI – and telling us and our governments to worry about it – are the very people who helped create it. “There are big parallels with J Robert Oppenheimer,” says Dan. “He’s called the father of the atomic bomb for his role in creating it, but went on to campaign against its use for decades.”

- In this case, it’s two computer scientists – Prof Yoshua Bengio and Dr Geoffrey Hinton – who helped create AI for which they won the prestigious Turing prize in 2019 and earned the “godfathers of AI” nickname. (There is a third godfather, Yann LeCun, but more of him later.) [...]

- 25 Bengio fears his life’s work could lead to devastating consequences if “bad actors” get hold of AI. “It might be military, it might be terrorists, it might be somebody very angry,

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psychotic. And so if it's easy to programme these AI systems to ask them to do something very bad, this could be very dangerous," he told the BBC. "If they're smarter than us, then it's hard for us to stop these systems or to prevent damage."

30 He is among 23 leading AI experts who published proposals this week calling on governments to understand and regulate AI systems and warned it would be "utterly reckless" to continue to allow the technology to develop unchecked.

35 "There are more regulations on sandwich shops than there are on AI companies," said Stuart Russell, professor of computer science at the University of California, Berkeley, who is another of the signatories. [...]

40 However LeCun, the third godfather of AI who is now chief AI scientist at Facebook owner Meta, will argue at the summit that regulation will stifle competition and give big tech companies too much power. "Regulating research and development in AI is incredibly counterproductive," he told the FT. (...) LeCun said the idea that AI could exterminate humans was "preposterous", and that people had been conditioned by science fiction including the Terminator films to believe that intelligent machines would take control if they became smarter than humans. "Intelligence has nothing to do with a desire to dominate. It's not even true for humans," he said. "If it were true that the smartest humans wanted to dominate others, then Albert Einstein and other scientists

45 would have been both rich and powerful, and they were neither."

Rupert Neate, *The Guardian*, 2023

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1. Compréhension de l'oral (10 points)

En rendant compte, en français, du document, vous montrerez que vous avez identifié et compris :

- la nature et le thème principal du document ;
- la situation, les événements, les informations ;
- les personnes, leur fonction ou leur rôle et, le cas échéant, leurs points de vue et la tonalité de leurs propos ;
- les éventuels éléments implicites ;
- le but, la fonction du document.

2. Compréhension de l'écrit (10 points)

a. Compréhension du texte :

Give an account of the document, in your own words and **in English**.

b. Compréhension de l'ensemble du dossier (document audio/vidéo et texte) :

Does the video contradict or confirm the article? Explain.

3. Expression écrite (10 points)

Vous traiterez **en anglais**, et en 120 mots minimum, **l'un des deux sujets suivants au choix** :

Sujet A

Do you think we should fear the evolution of AI technology? Develop your arguments and support them with concrete examples.

Sujet B

A university professor is coming to your school to present the advantages and drawbacks of artificial intelligence. Imagine the speech he gives in front of the students.