

RÉPUBLIQUE TUNISIENNE  MINISTÈRE DE L'ÉDUCATION	EXAMEN DU BACCALAURÉAT	Session principale 2023
	Épreuve : <b>Anglais</b>	Sections : Économie et gestion, Mathématiques, Sciences expérimentales et Sciences de l'informatique
	Durée : <b>2h</b>	Coefficient de l'épreuve : <b>1</b>

N° d'inscription



NOTE :           
20

NOTE :           
30

### THE TEXT

① Promobot, an international tech company, is looking for a face for its humanoid robot assistant to work in hotels, shopping malls and other crowded places. This leading company in robotics wants a “kind and friendly” face to be reproduced on potentially thousands of versions of **state-of-the-art** robots worldwide. It is ready to pay \$200,000 to anybody willing to transfer the rights to their face and voice forever.

② “Our new clients want to launch a large-scale project; a robot with the appearance and the features of a person,” said Promobot spokesperson. People of all genders and races over 25 can apply. They simply need to fill out a form and answer a questionnaire on the company’s website. The winning applicant will first have to take a 3D model of their face and body for the robot’s external features. “You have to record at least 100 hours of speech material to copy your voice”, which will be used by the machine to talk to customers,” added the spokesperson. Finally, the winning applicant will have to sign an agreement that allows the use of their appearance for an unlimited period.

③ While the company could have used a computer-generated face, having an actual person to lend their features for the newest batch of machines would make them appear more lifelike. However finding the appropriate candidate is a complex endeavour. Giomiq, the company tasked with finding the right face is caught in **a dilemma**. They acknowledged in a press release that “candidates are still reluctant to give away the rights to their face for eternity”.

④ Promobot has earlier been sued by a famous actor for creating a look-alike robot without permission to use his face. So, it looks like it’s being extra careful this time around. However it remains unclear whether the person with the winning face will be informed of the robot’s potential uses. Promobot is working on various innovative projects. “Our company is in constant race to develop technologies in the field of facial recognition, autonomous navigation, artificial intelligence and other areas of robotics,” said Promobot manager.

metro.co.uk, November 29, 2021

(adapted)



Section : ..... N° d'inscription : ..... Série : .....

Nom et Prénom : .....

Date et lieu de naissance : .....

Signatures des surveillants

✂

ANGLAIS (Section: Économie et gestion, Mathématiques, Sciences expérimentales et Sciences de l'informatique \_Session principale 2023)

**I- READING COMPREHENSION(12 marks)**

**1- Tick (✓) the most appropriate option. (1 mark)**

The text is mainly about selecting candidates for

- a- a social experiment
- b- a futuristic experiment
- c- an intellectual experiment

**2- Complete the table below with the appropriate information from paragraph 1. (2marks)**

Company name	Company Type	Business field
Promobot	_____	_____

**3-For each of the following statements, pick out ONE detail from the text showing that it is false. (3 marks)**

a- There are no conditions for candidates to register for the contest. (paragr2)

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b- Candidates find it easy to sell their personal identity features. (paragr3)

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c- Candidates are aware of all the terms concerning the exploitation of their features. (paragr4)

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**4-Fill in the summary with THREE words from paragraphs 2 and 3. ONE word per blank. (3 marks)**

Promobot has embarked on a technological venture to create a new generation of robots. The candidate needs first to \_\_\_\_\_ online for the selection. Once selected, she/ he must \_\_\_\_\_ a contract to sell her / his face and voice forever. The final product is expected to be a \_\_\_\_\_ robot with a friendly face.

**5- Tick  the most appropriate explanation of the underlined expressions. (2 marks)**

A- "state-of-the-art robots" means

- a- the most expensive
- b- the most complicated
- c- the most modern

B- "caught in a dilemma" means

- a- a difficult situation
- b- a specific problem
- c- a logical solution

**6-Give a personal justified answer to the following question. (1 mark)**

Would you give away the rights to use your face and voice forever for a big sum of money? Why? Why not?

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Ne rien écrire ici

III- LANGUAGE (6 marks)

1- Fill in the blanks with six words from the list below. (3 marks)

empowering / losing / defend / valued / significantly / supported / unrecognised / price

During the Covid 19 pandemic, women have made important gains in representation, especially in senior positions. However, this came at a \_\_\_\_\_. Women have undergone additional stress to be strong leaders. Thus, they are \_\_\_\_\_ more burned out. Compared to men at the same level, women are doing more to support their teams and \_\_\_\_\_ diversity, equity and inclusion efforts. Ironically, this important work is going \_\_\_\_\_ by companies. This has serious implications; companies risk \_\_\_\_\_ the very leaders they need at the moment. It's hard to imagine organisations coping with this pandemic and building inclusive workplace if the efforts of those women aren't truly \_\_\_\_\_. The option is clear: companies need to take bold steps to address burnout and ensure a positive and motivating workplace for women.

2-Put the bracketed words in the right tense and/ or form. (3 marks)

In India, countless cars a day speed over roads made of tonnes of plastic bags, bottle tops and discarded polystyrene cups. Roads were **(tradition)** \_\_\_\_\_ made of asphalt. The new roads however are laid using a new system developed by Indian engineers. The process replaces 10% of road's bitumen with repurposed plastic waste. Since the early 2000, India **(lead)** \_\_\_\_\_ the world in experimenting with plastic-tar roads. Such system has the benefit of being very simple, **(require)** \_\_\_\_\_ little high-tech machinery. First the shredded plastic waste is scattered onto an aggregate of crashed stones and sand before being **(heat)** \_\_\_\_\_ to about 100°C. The melted plastics then coat the roads in a thin layer and the bitumen is added on top to solidify the mixture. So far, this system **(succeed)** \_\_\_\_\_ in keeping plastic off the shores, oceans and landfills. Hopefully, soon, many other countries **(follow)** \_\_\_\_\_ suit and get involved in this ecofriendly process.

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