



Proves d'accés a la universitat

Llengua estrangera **Anglès**

Sèrie 3 - A

Qualificació		TR
Comprensió oral		
Comprensió escrita		
Redacció		
Suma de notes parcials		
Qualificació final		

Etiqueta de l'estudiant

Ubicació del tribunal

Número del tribunal

Etiqueta de qualificació

Etiqueta de correcció

Part 1: Listening comprehension

MAKING MUSIC AFTER BRAIN SURGERY

In this radio programme you are going to hear some new words. Read and listen to them. Make sure you know what they mean.

garnered: va recollir, va generar / recogió, generó

put that on ice: posposar / posponer

swirling: fent voltes / dando vueltas

Ready?

Now read the questions on the following page. Read them carefully before listening to the radio programme.

[Now listen to the interview.]

QUESTIONS

Choose the best answer according to the recording. Only ONE answer is correct.

[3 points: 0.375 points for each correct answer. Wrong answers will be penalized by deducting 0.125 points. There is no penalty for unanswered questions.]

Espai per a la correcció			
	Correcta	Incorrecta	No contestada
<p>1. Tokimonsta</p> <p><input type="checkbox"/> is the nickname for Tom Mosley.</p> <p><input type="checkbox"/> helped out at a doctor’s surgery.</p> <p><input type="checkbox"/> cannot understand sound.</p> <p><input type="checkbox"/> had a turning point in her career.</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<p>2. When did she start making music again?</p> <p><input type="checkbox"/> At the 2019 Grammy awards.</p> <p><input type="checkbox"/> Briefly after she got over her operation.</p> <p><input type="checkbox"/> Just before the Grammy awards.</p> <p><input type="checkbox"/> Immediately after her operation.</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<p>3. Where does the name Tokimonsta come from?</p> <p><input type="checkbox"/> It was a chat name she picked when she was 16.</p> <p><input type="checkbox"/> It means ‘brain surgery’ in Korean.</p> <p><input type="checkbox"/> It was a name her family gave her when she was 16.</p> <p><input type="checkbox"/> It is a Korean name for a tiger monster.</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<p>4. Does she regret having this name?</p> <p><input type="checkbox"/> Yes, because she picked it when she was too young.</p> <p><input type="checkbox"/> No, because the music she makes is always very quiet.</p> <p><input type="checkbox"/> No, because it represents the music that she makes.</p> <p><input type="checkbox"/> Yes, because it is an extremely aggressive name.</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<p>5. How did Tokimonsta learn to make electronic music?</p> <p><input type="checkbox"/> She learned everything from a software program she downloaded in high school.</p> <p><input type="checkbox"/> She learned it through video tutorials just before getting into college.</p> <p><input type="checkbox"/> She learned how to use the production software through reading the manual.</p> <p><input type="checkbox"/> She learned it through a friend who taught her the basics of a software and video tutorials.</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<p>6. How does she create electronic music?</p> <p><input type="checkbox"/> She only uses her piano.</p> <p><input type="checkbox"/> She only uses her computer.</p> <p><input type="checkbox"/> She mainly uses her computer.</p> <p><input type="checkbox"/> She never uses synthesizers.</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<p>7. Why does Tokimonsta use field recordings?</p> <p><input type="checkbox"/> Because the sounds give her music a unique character.</p> <p><input type="checkbox"/> Because the sounds resemble the electronic music she makes.</p> <p><input type="checkbox"/> Because they make her music sound fresher and more natural.</p> <p><input type="checkbox"/> Because the sounds in those recordings are easy to recreate.</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<p>8. Which of the following best summarizes Tokimonsta’s view of music after her recovery?</p> <p><input type="checkbox"/> Her hearing abilities have improved.</p> <p><input type="checkbox"/> She values music to a greater extent.</p> <p><input type="checkbox"/> Everything related to music has changed.</p> <p><input type="checkbox"/> She finds her music productions are more appreciated.</p>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Correctes Incorrectes No contestades

Recompte de les respostes

<input style="width: 80%;" type="text"/>	<input style="width: 80%;" type="text"/>	<input style="width: 80%;" type="text"/>
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Nota de comprensió oral

Part 2: Reading comprehension

HOW AI CAN MAKE CANCER TREATMENT MORE EQUITABLE

Many are aware of the Cancer Moonshot—an ambitious and hopeful initiative of the US government to reduce cancer-related death rates by 50 % by the year 2047. It will take an army to achieve this goal, composed of the brightest minds and biggest hearts in healthcare, science, and technology. Many parties will be involved—the federal government, healthcare providers, researchers, patients, caregivers, and advocates, among others in both the public and private sectors. One of the most pivotal tools that can help **propel** us toward this high-minded goal is artificial intelligence (AI), which is poised to revolutionize cancer treatment.

The Moonshot plan identifies five priority areas, all of which AI has the potential to **enhance**. Two areas in particular lend themselves to AI: the call to deliver the latest cancer innovations to patients and communities and the aim of enhancing the oncology model to place cancer patients at the center of decision-making.

The history of cancer care has been a continual process of refining treatments through innovative processes and solutions. While these advancements represented significant **strides** toward personalizing cancer care, it has been a slow and historically inequitable process, with minority populations not having as much access to advanced diagnosis or care tools. AI has many distinct advantages over prior technologies. It continuously improves when trained on enormous datasets, making it both more accurate than prior methods and enabling it to distinguish subtleties across demographics, age, race, etc. It is relatively low-cost to **deploy**, runs instantly, and can be made accessible via cloud computing, which is now available in all populated continents. These advantages make AI a scalable solution that can uniquely optimize patients' treatment plans across the globe, delivering efficient and personalized cancer care to a substantially larger population than prior technology.

One of the most promising developments is the rise of AI-enabled tests that can simultaneously prognosticate how tumors will progress and predict treatment benefits. These tests use unique deep-learning algorithms that assess digital images from patient biopsies and couple them with the patient's clinical data. Clinicians can then take this information and build a personalized treatment plan; in some cases, this even means avoiding unnecessary treatments where the side effects outweigh the benefits for the patient.

The Moonshot initiative to deliver innovation to patients and communities is intended for *all* patients, not a select few. The generalizability of AI relies on the amount and variety of data that is used to build it. When AI is trained on datasets that properly represent diverse patient populations, it has the potential to provide greater insights for all, including historically underrepresented populations. In addition to helping bridge the gap in health disparities, AI can also serve as a conduit for increased communication between patients and clinicians by positioning patients at the center of decision-making about their care. How? By providing patients with more information about their illness, and therefore increasing confidence in their treatment plan. This confidence is a cornerstone of effective cancer treatment.

Patients must live with treatment decisions, both physically and mentally. Studies show that one key to treating cancer is for clinicians to create a patient-centered plan that incorporates multifaceted aspects of a person's life. With AI-enabled tests, the patient and clinician can review the data together to align on whether the therapy selected is worth the adverse effects that could influence the patient's lifestyle. In contrast, a lack of understanding of the options and benefits of the therapy can leave patients overwhelmed and under-committed to the treatment. This can decrease adherence to treatments and have detrimental effects on survival rates.

Text adapted from an article by
Andre ESTEVA. *Time* [online] (October 18, 2023)

propel: impulsar
enhance: millorar / mejorar
stride: avenç / progreso
deploy: utilitzar / utilizar

QUESTIONS

Choose the best answer according to the text. Only ONE answer is correct.

[3 points: 0.375 points for each correct answer. Wrong answers will be penalized by deducting 0.125 points. There is no penalty for unanswered questions.]

Espai per a la correcció			
	Correcta	Incorrecta	No contestada
1. The Cancer Moonshot <input type="checkbox"/> is a project that will definitely reduce cancer-related death rates by 50 %. <input type="checkbox"/> is a project that will involve the army and the brightest minds. <input type="checkbox"/> is a US government-led project to reduce cancer death rates. <input type="checkbox"/> is a project that will only involve brilliant scientists.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. According to the text, artificial intelligence (AI) <input type="checkbox"/> will help the private cancer treatments. <input type="checkbox"/> will help reach a modest objective. <input type="checkbox"/> can help researchers find a cure. <input type="checkbox"/> can help improve cancer treatments.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. The two areas of the Cancer Moonshot plan that the article focuses on are: <input type="checkbox"/> reaching all kinds of patients and empowering them to make decisions. <input type="checkbox"/> prioritizing specific communities and placing cancer patients first. <input type="checkbox"/> enhancing cancer treatments and using artificial intelligence to a lesser extent. <input type="checkbox"/> implementing innovative treatments and prioritizing elderly patients.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Although cancer care has witnessed important scientific advancements, <input type="checkbox"/> treatments have been personalized among minority populations. <input type="checkbox"/> not everyone has had access to proper diagnosis to the same extent. <input type="checkbox"/> they have considerably slowed down certain types of treatments. <input type="checkbox"/> all patients have had the chance to receive personalized treatments.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Which of the following statements is NOT true according to the text? <input type="checkbox"/> AI is fast and available through cloud computing. <input type="checkbox"/> AI can explore large sets of data to find patterns. <input type="checkbox"/> AI can offer personalized plans to more patients. <input type="checkbox"/> AI cannot be trained with large patient datasets.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. According to the text, why are AI-enabled tests a promising development? <input type="checkbox"/> Because they can prevent cancer treatment side effects. <input type="checkbox"/> Because they can predict patients' clinical data. <input type="checkbox"/> Because they can diagnose tumors more effectively. <input type="checkbox"/> Because they can predict how tumors might develop.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. How does Cancer Moonshot increase patients' confidence in their treatment plan? <input type="checkbox"/> By ensuring patients receive more information. <input type="checkbox"/> By providing patients with innovative treatments. <input type="checkbox"/> By analyzing data from underrepresented populations. <input type="checkbox"/> By controlling patients' access to AI-generated tools.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. According to the text, patient-centered plans <input type="checkbox"/> overwhelm the majority of patients. <input type="checkbox"/> make patients commit to treatment. <input type="checkbox"/> make certain treatments less effective. <input type="checkbox"/> allow clinicians to influence patients' life.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	Correctes	Incorrectes	No contestades
Recompte de les respostes	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Nota de comprensió escrita	<input style="width: 100%;" type="text"/>		

Part 3: Writing

Choose ONE topic. Your answer should be 125-150 words in length. There is no specific penalty for exceeding 150 words in length. Extra points are not given for exceeding 150 words. [4 points]

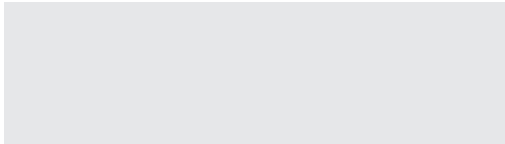
1. Advertising plays a significant role in shaping consumer choices. Write an **opinion essay** examining the influence of advertising on consumer behavior. Discuss the power of persuasion, ethical considerations, and the impact of advertising on societal values and priorities.
2. Write a **formal email** addressing a complaint to a customer service department. Clearly describe the problem, provide necessary details, and request a solution or explanation.
3. Choose a popular comedy TV series available on streaming platforms and write a **review** for young viewers. Analyze the humor, character dynamics, and the show's overall appeal. Discuss specific episodes or story arcs that stood out and why you believe it would resonate with a young audience.

Grammar	
Vocabulary	
Text	
Maturity	
Total	
Nota de la redacció	

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Etiqueta de l'estudiant



Institut
d'Estudis
Catalans