MOCK TEST

1. Read the text and complete the activities.

Electric spoon helps people cut down on salt (13th June 2024)

A battery-powered spoon that makes food taste saltier is now in stores in Japan. It is called the Electric Salt Spoon. It was created by researchers from Tokyo's Meiji University and the Japanese drinks company Kirin. They hope their spoon will help people to cut down on the amount of salt they eat. The spoon sends a weak electric current to the tongue. The current is too weak to be felt. However, it makes salt taste up to one and a half times stronger. This means we can eat food with less salt, but still sense a salty taste. Researcher Ai Sato said: "Japan has a food culture that tends to favour salty tastes. People need to reduce the amount of salt in their food." However, she added that food with no salt is bland and tasteless.

Salt is important for our health. However, too much of it can cause cardiovascular diseases, like high blood pressure, strokes, and heart problems. These are the leading causes of death globally. The World Health Organization recommends a daily salt intake of less than 5 grams. In Japan, the average person has around 10.1g of salt a day. That's higher than the average of 8.5g for Americans. In many countries, around 75 per cent of salt in the diet comes from processed foods, and from things like soy sauce. The Electric Salt Spoon costs 19,800 yen (around $99). Kirin hopes to sell a million of them over the next five years. The spoon's developer has also created electric chopsticks. These will go on sale next year.

A. Say if the following sentences are true or false. Correct the false ones.

1. The electric spoon is already sold in stores in Japan. T/F
2. The battery-powered spoon has small amounts of salt that makes you feel the food salty. T/F. The spoon sends a weak electric current to the tongue that makes salt taste stronger.
3. Americans consume higher salt intake than Japanese. T/F Japanese`s daily salt intake is higher than American´s./ Japanese consume 10.1g of salt a day whereas Americans consume an average of 8.5g.
4. Around 75% of salt is found in processed foods and soy sauce. T/F

B. Write definitions using the correct relative pronoun.

1. An algorithm… (is a set of instructions that/which must be followed for a computer to perform calculations).
2. Facultad de Ingeniería… (is where I study programming).
3. A cybersecurity analyst… (is a professional whose job is to protect a company's networks from unauthorized access).
4. The day… (when I get my degree will be most memorable).

C. Choose <u>two</u> of the following topics and write a prediction using will for each one.

1. Programming

Quantum computing will revolutionize certain areas of programming, such as cryptography and scientific simulations.
More user-friendly platforms will allow individuals with limited programming experience to build applications and software solutions.

2. Artificial Intelligence
   This technology will be so integrated into daily life that most people won't even notice it. We´ll use it as something normal in our lives.
   AI will revolutionize patient care, enabling faster and more accurate diagnoses, customized treatment plans, and the discovery of groundbreaking therapies.
3. Education
   Students will continue to use handheld devices and laptops to access educational resources and complete assignments.
4. Work

As technology advances, businesses will have to adapt to digital transformation, flexible work models, and AI.

In 20 years, technology will dominate the workplace with artificial intelligence and smart assistants, while the use of augmented and virtual reality continues to increase.

D. Answer the following questions (10-20 words each). These questions may have different answers.

1. Where do you see yourself in five years?
   In 5 years, I see myself progressing into a position of more responsibility in the company where I can use both my technical and leadership skills.
2. How do you usually manage problems?
   First, I define the problem and analyze it to understand its root cause. Next, I evaluate potential solutions, considering resources and constraints. Finally, I implement the chosen solution and monitor its effectiveness.
3. What special areas of programming do you want to specialize in? Why? *This is a personal question.*

I want to specialize in …. web development, mobile development, data science, machine learning, software engineering, game development, cybersecurity, front/back-end development, etc. because knowing how to *code* makes you more adaptable, potentially get a better salary, and helps you progress in your career.

E. Make questions using the following answers.

1. ___How many languages do you manage well_____?

I manage four languages very well, C++, Python, Java and JavaScript.

2. ___How do you cope with stress__?

Well, sometimes, it is difficult for me to cope with stress. I usually go for a walk and do some meditation in stressful situations.

3. ____What role do you take in a team___?

I typically emerge as a team leader but aim to achieve consensus and listen to other perspectives.