

**PRUEBA DE ACCESO A CICLOS FORMATIVOS DE GRADO SUPERIOR Y PRUEBA DE
MADUREZ PARA EL ACCESO A LAS ENSEÑANZAS ARTÍSTICAS SUPERIORES**

**PARTE COMÚN
CONVOCATORIA 2022**

RESOLUCIÓN 31/2022 de 22 de febrero

25/05/2022

INGLÉS

TRIBUNAL Nº:

CALIFICACIÓN

APELLIDOS

NOMBRE

DNI

SILICON VALLEY

Silicon Valley is synonymous with innovative and pioneering technology. Computers, smartphones, self-driving cars have all changed or promised to change our lives irrevocably. It has made it possible for us to access information and communicate with people on the other side of the world in seconds. And it has paved the way for a future in which androids become integrated into society, and humans merge with machines to an ever-greater degree.

The idea for Silicon Valley began in the 1930s in the US. During the Great Depression, Frederick Terman, an engineering professor at Stanford University, decided to create more job opportunities for his students. He helped two of them, William Hewlett and David Packard, start an IT Company, which became the enormously successful Hewlett-Packard. After World War II, Terman became the dean of his faculty, and he used his influence to establish the Stanford Industrial Park, now home to more than 150 companies, including Tesla Motors and Skype.

A journalist called Don Hoefler first used the term 'Silicon Valley' in 1971 to refer to the Santa Clara Valley, a region on the southern end of California's San Francisco Bay that encompasses both Stanford University and Stanford Industrial park, and the cities of Palo Alto and San Jose. So named because of the silicon required to create semiconductor computer chips, it wasn't until the 1980s that the term became widely used to refer both to the region and the high-tech companies located there.

Today, Silicon Valley is a global center for technology and innovation. It is home to many of the world's biggest high-tech corporations, including Apple, Facebook, Google and Netflix, as well as thousands of startup companies, specializing in everything from software or social media to fiber optics or robotics. Not surprisingly, the region is one of the richest in the US, and the companies there benefit from easy access to suppliers, cutting-edge research, and highly qualified graduates.

Speak Up- 438 Año XXXVI

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1.- Choose and write one correct option per question (1 point):

1.1. According to the text, Silicon Valley...

- a) was created by Frederick Terman.
- b) is on the northern end of California's San Francisco Bay.
- c) refers to the high-tech corporations and the region where it is.
- d) was used to refer to the amount of silicone required for semiconductor computer chips.

1.2. Frederick Terman ...

- a) took part in World War Two.
- b) founded Hewlett-Packard.
- c) invented the name of Silicon Valley.
- d) played a part in creating Stanford Industrial Park.

2.- Are these statements true or false? (2 points):

- | | | |
|--|---|---|
| 2.1- Self-driving cars are driven by people. | T | F |
| 2.2- New businesses related to technology are welcome to Silicon Valley. | T | F |
| 2.3- Nowadays, humans combine with machines to a great extent. | T | F |
| 2.4- Silicon Valley is the richest region in the US. | T | F |

3.- Find in the text (2 points):

- a) a synonym for "extensively" : _____
- b) an antonym for "segregated" : _____
- c) one word meaning "humanoid robots" : _____
- d) one word meaning "a legal entity formed by a group of individuals to engage in and operate a business" : _____

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4.- Complete the sentences with the correct answer (2 points):

a) "Jeff Bezos _____ (spend) billions of dollars on space travel every year".

b) "Apple Computer _____ (found) by Steve Jobs in 1976".

c) "In recent years, many companies have set _____ in Silicon Valley".

of / with / up / on

d) "Famous high-tech corporations _____ LinkedIn, Twitter, eBay and Google are situated in Silicon Valley".

from / such as / in spite of / regarding

5.- Write a composition (80-100 words) answering this question – (3 points)

How will future technology be in 20 years?

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