

# IPET 249 – NICOLÁS COPÉRNICO

## 6° AÑO

### TRABAJO PRÁCTICO N° 1

Read the article.

Remember: transparent words are similar in spelling and have the same meaning. Highlight unknown words and use a dictionary for meaning.

## PRODUCTION

Production management is concerned with **planning** and **controlling** industrial processes which **produce** and **distribute** products and services. Techniques of production management are also used in service industries; here they are called **operations** management. During production processes, **inputs** are **converted** into **outputs**. These processes take many forms: from basic agriculture to large-scale **manufacturing**. Much manufacturing takes place in **factories**, where **assembly lines** allow a steady **flow** of **raw materials** (inputs) and **finished products** (outputs).

People in production focus on **efficiency** and **effectiveness** of processes in order to maximize **productivity**. To achieve overall success, it is important to **measure**, **analyse** and **evaluate** these processes. However, other activities also contribute to success: **purchasing**, **inventory control**, **quality control**, **storage**, **logistics**.

Production varies according to the inputs, *processes* and outputs. Other important factors are the *place* of production and the *resources*. In addition, *stock*, a major cost, needs to be carefully controlled, and the equipment must be regularly *maintained* to remain productive and prevent breakdowns.

### Production place

factory • layout • plant • site • unit • workshop

### Process

assemble • batch • component • convert • effectiveness  
efficiency • line • lot • maximize • optimize

### Resources

equipment • fixtures • machinery • materials handling • raw materials

### Stock

inventory • stock • store

### Maintenance

breakdown • failure • fault • maintain • repair



**A) Complete the sentences below. The first letter of the missing word is given.**

- 1) A quantity of goods prepared at the same time is known as a B\_\_\_\_\_.
- 2) To put parts together to produce the final product is to A\_\_\_\_\_.
- 3) Production processes convert inputs to O\_\_\_\_\_.
- 4) The process of buying inputs is known as P\_\_\_\_\_.
- 5) A part which is used in the final product is called a C\_\_\_\_\_.
- 6) To get the best possible level of production is to O\_\_\_\_\_.

B) Match the words that go together and then complete the sentences below.

quality	material
finished	manager
industrial	lines
production	process
large-scale	levels
assembly	control
raw	products
productivity	manufacturing

- 1) Improved \_\_\_\_\_ has led to higher efficiency in production.
- 2) The manufacture of paper is an \_\_\_\_\_.
- 3) Crude oil is the basic \_\_\_\_\_ for the plastics industry.
- 4) Increased \_\_\_\_\_ have reduced the number of manufacturing workers.
- 5) The large warehouse is used to store \_\_\_\_\_ waiting for delivery.
- 6) Large car manufacturers use \_\_\_\_\_ in production.
- 7) The company began in a single room but has now developed into \_\_\_\_\_.
- 8) The manufacturing process is the responsibility of the \_\_\_\_\_.

### Manufacturing a car. (SIMPLE PRESENT TENSE)

There are several steps in the process of manufacturing a car. Complete the sentences with the verb in simple present tense

- A) Researchers \_\_\_\_\_ (ask) questions about the sorts of features costumers \_\_\_\_\_ (want) in a car.
- B) Designers \_\_\_\_\_ (work) to design a new car based on these suggestions.
- C) The company \_\_\_\_\_ (build) a prototype , and a machine \_\_\_\_\_ (test) it.
- D) The company \_\_\_\_\_ ( set up ) a plant to build the new model.
- E) The marketing team \_\_\_\_\_ (work) to promote the new model and the new car is launched.

### Moderna Shipyard Accident (SIMPLE PAST TENSE)

Complete the sentences with the verb in simple past tense

On 31st May, I \_\_\_\_\_ (Inspect) the Moderna shipyard. I \_\_\_\_\_ (find) a number of safety hazards. There \_\_\_\_\_ (be) some tools on the ground. There \_\_\_\_\_ (be) some wire coiled outside the office. Eight of the workers \_\_\_\_\_ (not have) hard hats. There \_\_\_\_\_ (be) no safety signs.

In April, there \_\_\_\_\_ (be) a serious incident in the shipyard. Two ships \_\_\_\_\_ (be) in the shipyard.

A crane \_\_\_\_\_ (lift) a metal beam from one of the ships into the air. But there \_\_\_\_\_ (be) no rope attached to the beam. The beam \_\_\_\_\_ (come) downwards. But it \_\_\_\_\_ (move) in the air and \_\_\_\_\_ (hit) a forklift truck. The top of the forklift truck \_\_\_\_\_ (be) bent. The driver was lucky.

Just before the accident, another worker \_\_\_\_\_ (shout), 'Mind your head!' The driver of the forklift truck \_\_\_\_\_ (see) the beam and he \_\_\_\_\_ (not be) hurt.