

1st Level Final Exam Biochemistry School

1. Which is the subject of the following sentence (cuál el sujeto de la siguiente oración)

Specialized, resilient cells in the immune system play a crucial role in defending the body against pathogens and infections.

a) Specialized, resilient cells

b) Specialized, resilient cells in the immune system

2. Circle the correct interrogative form (cuál la forma interrogativa, subraye)

Lipids play a key role in energy storage.

a) **Do** lipids play a key role in energy storage?

b) **Does** lipids play a key role in energy storage?

3. Circle the correct interrogative form (cuál la forma interrogativa, subraye)

Zacharias Janssen, a Dutch spectacle-maker, invented the microscope around 1590

a) **Did** Zacharias Janssen, a Dutch spectacle-maker, **invent** the microscope around 1590?

b) **Did** Zacharias Janssen, a Dutch spectacle-maker, **invented** the microscope around the 1590?

4. Connect each piece of lab equipment with its function (conecte cada pieza con su función)

Tongs



Erlenmeyer flask



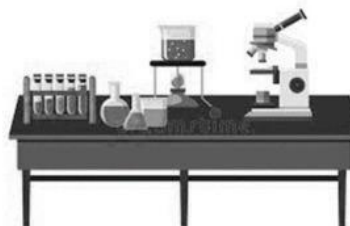
a) Transport a hot beaker

b) Narrow-mouthed container used to transport, heat, or store substances.

5. Complete the sentence with the missing words (complete la oración con las palabras que faltan)

In this picture, there is 1 microscope, there is 1 Bunsen burner

and _____ 5 test tubes.



6. Choose the right sentence (elija la oración correcta)

a) On the table there are **much** instruments.

b) On the table there are **some** instruments.

7. Find two opposite adjectives in the following paragraph (encuentre dos adjetivos opuestos en el párrafo)

Kinetics is the study of the speed of a reaction. Some reactions are fast; others are slow. Sometimes chemists want to speed the slow ones up and slow the fast ones down.

a) _____

b) _____

8. Choose the interrogative form of the following sentence (elija la forma interrogativa de la siguiente oración)

Matter is everything around us that we can touch, see, feel, or smell.

a) **Is** matter everything around us that we can touch, see, feel, or smell?

b) **Does** matter is everything around us that we can touch, see, feel, or smell.?

c) **Do** matter everything around us that we can touch, see, feel, or smell?

9. Write if the sentence is true or false (escribe si la siguiente afirmación es verdadera o falsa)

The most important thing in laboratory experiments is safety.

a) False

b) True

10. Answer to the question choosing one of the options (responda la pregunta con una de las opciones)

Which of the following is a function of a nerve cell?

- a) To help us think b) To produce energy c) To transport messages around the body
d) To fight off bacteria e) To help us move

11. Match the two halves of the sentences (correlacione ambas partes de la oración)

Safety goggles must be worn at all times ☐
In case of a fire, ☐
Emergency eye wash stations are available ☐
Proper disposal of waste materials is essential ☐

- a) for immediate use if a chemical gets into your eyes.
b) to protect your eyes from chemical splashes.
c) locate and become familiar with the nearest fire extinguisher and emergency exit.
d) to maintain a safe and clean working environment.