

ASIGNATURA: **INGLÉS BÁSICO I**

ENFERMERÍA 1º Año 2023 **PARCIAL 2**

DOCENTES EVALUADORAS: **LUISINA FINK**

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NOMBRE Y APELLIDO del evaluado: \_\_\_\_\_

EVALUACION: \_\_\_\_\_  
(nota en números y letra)

## Reading Comprehension

### Why is cell biology so important?

You may know of someone who is ill with a disease or disorder such as meningitis, malaria, diabetes, a type of cancer, cystic fibrosis, or Alzheimer's disease. All these diseases and disorders are caused by problems at a cell or molecular level. Physical damage such as a burn or broken bone also causes damage at cell level.

By understanding how cells work in healthy and diseased states, cell biologists working in animal, plant and medical science can develop new vaccines and more effective medicines. Eventually it will be possible to have a 'health forecast' by analysing a database of genetic and cell information. With this, doctors will have instant access to a patient's clinical history. *They (1)* will be able to prevent diseases.

But cell biology is not just about disease. *It (2)* is also very helpful in human fertility programme. DNA testing it is used in archaeology to provide evidence that a living person is related to a long dead ancestor. In plant science *it (3)* is used to show that two plants that look different have the same genetic origins.

**Forensic medicine** uses cell biology and DNA fingerprinting to help solve murders and assaults. Biotechnology uses techniques and information from cell biology to genetically modify crops, to clone plants and animals, to produce high quality food at lower costs and to manufacture purer medicines.

It is also important that people are informed about how the increase in knowledge about cell biology can affect them and society in general. *They (4)* will have to make informed decisions about such things as growing organs for transplanting into humans and, in those areas where vitamin A deficiency causes blindness, growing rice modified to produce the vitamin.

A basic understanding of cell biology including genetics will be as important as having some knowledge about computers and the Internet.

### CONSIGNAS

1) Lea el texto e indique si las siguientes afirmaciones sobre este son VERDADERAS o FALSAS.

| AFIRMACIONES                                                                                                               |  |  |
|----------------------------------------------------------------------------------------------------------------------------|--|--|
| a. Es importante entender el funcionamiento de las células para desarrollar nuevas vacunas                                 |  |  |
| b. En el futuro existirá una base de datos genética que servirá para curar enfermedades                                    |  |  |
| c. En medicina forense se utilizan el ADN y la biología celular para buscar los ancestros de una persona                   |  |  |
| d. La biotecnología y la biología celular se utilizan para producir mejor calidad de alimentos, aunque a un costo elevado. |  |  |
| e. En el futuro, saber sobre biología celular será incluso más importante que saber usar Internet.                         |  |  |

2) Indique a que se refieren los siguientes pronombres

*they* (1)

*it* (2)

*it* (3)

they (4)

3) En las frases subrayadas, indique cuál es su núcleo. Luego traduzca las frases al español. Tenga en cuenta la diferencia de organización de las frases sustantivas en inglés y español.

- |                                  |         |
|----------------------------------|---------|
| 1) cell biology:                 | núcleo: |
| 2) cystic fibrosis:              | núcleo: |
| 3) cell or molecular level:      | núcleo: |
| 4) broken bone:                  | núcleo: |
| 5) genetic and cell information: | núcleo: |
| 6) the same genetic origins:     | núcleo: |
| 7) forensic medicine:            | núcleo: |

4) Complete el texto con las siguientes palabras. El verbo "to be" debe ser usado tres veces y debe ser conjugado de forma correcta según el sujeto:

|                                                                          |
|--------------------------------------------------------------------------|
| sciences - heart - organ - human - DNA - circulatory - system – to be x3 |
|--------------------------------------------------------------------------|

\_\_\_\_\_ biology can help in the treatment of diseases. In fact, cell biologists work to create vaccines and new drugs and, with their job, medicines \_\_\_\_\_ now more effective. Their job \_\_\_\_\_ also useful in \_\_\_\_\_ fertility, forensic medicine and biotechnology. In those areas, \_\_\_\_\_ testing and cell information are used for varied purposes, such as modifying crop and solving crimes. This \_\_\_\_\_ an important feature of our present society, but in the future, we can see even more advances in health \_\_\_\_\_. For example, people's health can improve in different ways, including better access to \_\_\_\_\_ transplants and solutions to \_\_\_\_\_ disease, kidney failure and problems in the circulatory \_\_\_\_\_.