Después de leer atentamente los textos y las cuestiones siguientes, el alumno deberá escoger una de las dos opciones propuestas y responder en INGLÉS a las cuestiones de la opción elegida.

CALIFICACIÓN: Las cuestiones 1ª, 2ª y 4ª se valorarán sobre 2 puntos cada una, la pregunta 3ª sobre 1 punto y la pregunta 5ª sobre 3 puntos.

TIEMPO: 90 minutos.

Homes of the Future

Experts believe that homes will soon become intelligent enough to distinguish between family members and guests. They will adapt to individual needs based on a person's physical, chemical or behavioural attributes. There are, however, barriers that prevent the smart home industry from taking off. Among them, the fact that the average consumer hasn't yet adopted this "connected lifestyle" mostly because its value is not yet clear to them or have had some bad incidents. Who hasn't experienced sitting in the darkness waving to activate the sensor when motion powered lights in a bathroom suddenly turn off before we are finished in there?

The rise of the intelligent home depends on integrating different smart "wearables" (like watches and glasses) plus the ability to respond to multiple verbal or touch-based commands. A recently developed bracelet can identify individuals by measuring several physical features such as cardiac rhythm. This device can also execute actions for the user, by connecting itself with other technologies. Another recent development can verify an individual's identity with a quick glance at the system from a distance. Former systems that perform accurate iris recognition required people to position their faces close to a camera.

In a near future, as you walk through your home, these gadgets will verify your identity by checking your specific vital signs. Once identified, your home will automatically adjust the lighting and room temperature to your tastes or play personalized music or videos according to the preferences recorded in your profile.

QUESTIONS

1.- Are the following statements TRUE or FALSE? Copy the evidence from the text. No marks are given for only TRUE or FALSE.

a) Experts consider that there are no obstacles for the development of intelligent homes.

b) Distant identification of people has existed for a few decades now.

(Puntuación máxima: **2 puntos**)

2.- In your own words and based on the ideas in the text, answer the following questions. Do not copy from the text.

a) Describe two functions the new wristband mentioned in the text may carry out.

b) Describe two ways in which future homes can serve you.

(Puntuación máxima: **2 puntos**)

3.- Find the words in the text that mean:

a) visitors (paragraph 1)

b) instructions (paragraph 2)

c) attributes (paragraph 2)

d) near (paragraph 2)

(Puntuación máxima: **1 punto**)

4.- Complete the following sentences. Use the appropriate form of the word in brackets when given.

a) Over the last ten years or so, face recognition _____ (become) a popular area of research. No doubt, this will be one of the _____ popular technologies of the future.

b) If scientists _____ (work) harder, smart authentication devices _____ (use) in the last Olympic Games.

c) The next Biometrics Conference, _____ will be held in Tampa, aims at _____ (promote) information exchanges between the government and outside entities.

d) **Complete the following sentence to report what was said.**

"Your voice recognition system is not working at the moment", said Peter.

Peter warned Sarah _____.

(Puntuación máxima: **2 puntos**)

5.- Write about 100 to 150 words on the following topic.

What do you think the advantages and disadvantages of automatically controlled homes can be? Discuss.

(Puntuación máxima: **3 puntos**)