UNIVERSIDAD AUTÓNOMA DE MADRID
PRUEBA DE ACCESO A LA AUNIVERSIDAD PARA MAYORES DE 25 AÑOS
Convocatoria **2018**

IDIOMA

MATERIA: INGLÉS

INSTRUCCIONES GENERALES Y VALORACIÓN

INSTRUCCIONES: Lea el texto cuidadosamente, así como las preguntas. Conteste a las preguntas en lengua inglesa.
DURACIÓN: 60 minutos
CALIFICACIÓN: La valoración máxima de cada pregunta se indica en cada parte del ejercicio.

Madrid: A smart city for the people

Spain is not new in the smart city movement. In the last two decades, there has been a close cooperation between public administration, business and social institutions. Barcelona started the movement and now Madrid is changing to become a smart city, studying which social problems need to be solved by new, individual technologies or networks. Madrid wants to create an "ecosystem" of diverse solutions because digital technology is useful for many different purposes like traffic control or access to buildings and public transportation.

Many sustainable* solutions have been implemented in Madrid transportation and streets to connect people better and bring neighbourhoods together. An example is the use of MAX – a maintenance system from Thyssenkrupp and Microsoft – in 156 elevators in Metro. This will be especially good for passengers with mobility problems, and will reduce the time taken for repairs thanks to its permanent Internet connection in the cloud.

Madrid really wants to be a smart city and has opened a new level using technology for cities and its people, with a flexible and innovative perspective.

* Sustainable (Adj.): sostenible

1. Are the following sentences TRUE or FALSE? Justify your answer copying the evidence from the text. No marks are given for only TRUE or FALSE. (Puntuación máxima: 2 puntos)
   a. Madrid started sooner than Barcelona in the smart city movement in Spain.
   b. Digital technology can be used for several objectives.
   c. The new smart city solutions help people move around Madrid more easily.
   d. Madrid Metro has not been changed by the smart city movement.

2. Fill in the gaps with the right form of the word in brackets: (Puntuación máxima: 3 puntos)
   a. The new technological solutions (change) _____ the transport system in big cities now.
   b. The new solutions used in Madrid (choose) _____ by the people who live in the city.
   c. In the last decade Madrid and Barcelona (implement) _____ many new inventions.
   d. If we had the necessary technology, we (make) _____ it more sustainable.
   e. In 20 years, the transport system (be) _____ totally different.
   f. To use Madrid public transport, you (need, buy) _____ a special card.

3. Choose the right word for each gap: (Puntuación maxima: 2 puntos)
   a. The (fast / fastest / faster) _____ way to move in Madrid is the Metro.
   b. Our public transport system, (who / where / which) _____ is changing a lot now, should be open (at / in / on) _____ night too.
   c. These new technological advances are helping people with mobility problems. (Although / But / Also) _____ they are making transport cheaper and safer.

4. Answer ONLY ONE of these two options (a or b) using your own words and based on the ideas from the text. Be careful with the grammar and write precise answers. (Puntuación máxima: 3 puntos)
   a. What changes have you seen in Madrid transport? Is the traffic better? Are the Metro and the busses better now?
   b. Do you like technology? Do you use it at home or at work a lot? Do you use new technology in your free time?