

**PRUEBAS DE ACCESO A LA UNIVERSIDAD PARA MAYORES DE 25 AÑOS – MAYO 2012**  
**PROVES D'ACCÉS A LA UNIVERSITAT PER A MAJORS DE 25 ANYS – MAIG 2012**

**EJERCICIO/EXERCICI DE: INGLÉS / ANGLÉS**

**OBSERVACIONES/OBSERVACIONS:**

Lea con detenimiento, al menos dos veces, el siguiente texto y responda a continuación, en inglés y en la hoja de respuestas, a las cinco preguntas formuladas. Para ello dispone de una hora. En las preguntas (1) y (5) deberá evitar la reproducción literal del original.

*Llegiu el text següent amb atenció, almenys dues vegades, i responeu després, en anglés i en un full d'examen a banda, les cinc preguntes formulades. Hi disposeu d'una hora. En les preguntes (1) y (5) heu d'evitar la reproducció literal de l'original.*

**Mock Mars mission 'lands' back on Earth**

Six men who have spent the last 18 months locked inside steel tubes in a Moscow warehouse to simulate a mission to Mars have emerged –pale, but smiling – from their isolation.

The Mars500 project was designed to test the reaction of the human mind and body to the stresses of a potential spaceflight to Earth's nearest planetary neighbour. The European Space Agency researchers – three Russians, a Frenchman, an Italian-Colombian and a Chinese – spent 520 days inside windowless "modules".

The experiment even saw three of the men simulate a landing on Mars, wearing real spacesuits and walking across a sandy yard. However, the men did not experience any weightlessness.

Dressed in blue track suits with the mission emblem, the "cosmonauts" emerged from the modules on Friday to be greeted by a crowd of officials and journalists.

"The crew has completed the experiment," said team leader Alexey Sitev. "The mission is accomplished, the crew is in good health and is ready for new missions."

Psychologists say conditions can be more stressing on mock missions than on real flights because the crew does not experience any of the euphoria or dangers of real space travel.

However, the crew showed no sign of stress as they walked to microphones to talk to journalists. "We hope that we can help in designing the future missions to Mars," said Frenchman Romain Charles.

The crew was in contact with Russian space officials and their families using an internet connection, which was delayed and occasionally disrupted to imitate the effects of space travel. They ate food similar to that offered on the International Space Station.

## Questions:

1. State in your own words what the text means by: (paragraph 2) "The Mars500 project was designed to test the reaction of the human mind and body to the stresses of potential spaceflight to Earth's nearest planetary neighbour." **(2 marks)**
  
2. Decide whether the following statements are true (T) or false (F) according to the text. If the answer is not mentioned in the text, mark it as false. **(2 marks)**
  - a) The modules designed for the simulation had no windows.
  - b) The simulation of the landing on Mars reproduced the same conditions of a real landing on Mars.
  - c) Mock missions can cause more psychological disorders than real missions.
  - d) The members of the crew were stressed when they talked to the journalists.
  
3. These words are all found in the text: **designed, greeted, crowd, accomplished, travel, offered**. Choose the ones that mean the same as the following words. **(2 marks)**
  - a) given
  - b) completed
  - c) trip
  - d) devised
  
4. Choose *a*, *b* or *c* to complete the sentence correctly according to the information in the text. Only one answer is correct. **(2 marks)**
  - 4.1 Alexey Sitev was...
    - a) a journalist.
    - b) a Chinese space official.
    - c) the chief of the crew.
  
  - 4.2 When the experiment was completed, the crew...
    - a) did not want to start a new mission.
    - b) were healthy and smiling.
    - c) said they had been in danger.
  
  - 4.3 Psychologists say that conditions on...
    - a) mock missions are less stressing than on real missions.
    - b) mock missions make the crew experience euphoria.
    - c) real missions make the crew experience euphoria.
  
  - 4.4 The crew...
    - a) communicated with their families easily using Internet.
    - b) used internet to communicate with their families but the communication was not always good.
    - c) communicated with their families through the International Space Station.
  
5. Answer the following two questions: **(2 marks)**
  - a) Do you think simulated missions to the space can reproduce the same conditions as real space travel? Give reasons.
  - b) What are the advantages of simulating space missions?