

**Proves d'Accés per a Majors de 25 i 45 anys**  
**Pruebas de Acceso para mayores de 25 y 45 años**

Convocatòria:  
Convocatoria:  
**2015**



**Assignatura: ANGLÉS**  
**Asignatura: INGLÉS**

**OBSERVACIONES/OBSERVACIONES:**

*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.*

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.

**TEXT: DO YOU KNOW THE DIFFERENCE BETWEEN A SUBMARINE AND A SUBMERSIBLE?**

A submarine is a watercraft that is capable of independent operation under the sea. Submarines do not require support ships because submarines can renew their air and power supplies independently. Submersibles also submerge and operate underwater, but they cannot renew their air and power supplies without support. For this reason submersibles are usually smaller and cannot spend as much time underwater as submarines.

Submersibles and submarines were originally designed for underwater exploration, but very soon governments recognised the military potential of these watercraft vessels. In 1648 Bishop John Wilkins wrote, "They may be of great advantage against a navy of enemies."

Designed by David Bushnell in 1775, the *Turtle* was the world's first submarine used in combat. Sergeant Ezra Lee operated the *Turtle* and attacked a British ship. The *Turtle* did not win the battle, but it is still remembered as the first submarine used offensively during war.

Modern submarines are now powered by a nuclear reactor. This reactor generates a tremendous quantity of power and liberates the submarine from the need to surface occasionally. Consequently, submarines can operate at high speeds for long periods of time.

Current nuclear submarines do not need to be refueled for a period of 25 years. The only factor limiting the amount of time that a submarine can remain submerged is the amount of food and water that it can carry. Even Bishop John Wilkins, when he imagined the military capabilities of future submarines in 1648, could not have dreamed of such an amazingly powerful watercraft.

## QUESTIONS

1. **State in your own words what the text means by (paragraph 2):** “*Submersibles and submarines were originally designed for underwater exploration, but very soon governments recognized the military potential of these watercraft vessels.*” (2 marks)
  
2. **Decide whether the following statements are true (T) or false (F), according to the text. Write T or F. If the answer is not mentioned in the text, mark it false. (2 marks, -.5 for each wrong answer)**
  - a) Both submarines and submersibles can renovate air without help from other ships.
  - b) Submersibles can remain underwater as much time as submarines.
  - c) The Turtle lost its first battle against a British ship.
  - d) Nuclear reactors make it possible for modern submarines to be underwater for long periods of time.
  
3. **These words are found in the text: WATERCRAFT, SUPPORT, SUPPLIES, EXPLORATION, GENERATES, SURFACE, SPEEDS, CAPABILITIES. Choose the ones that mean the same as the following. (2 marks)**
  - a) ASCEND
  - b) BOAT
  - c) CREATES
  - d) PROVISIONS
  
4. **Choose the best option (a, b or c), according to the text. Only one answer is correct. (2 marks, -.5 for each wrong answer)**
  1. Submersibles were originally designed for...
    - a. transporting passengers underwater during storms.
    - b. exploring under the sea.
    - c. attacking ships.
  
  2. One difference between submersibles and submarines is that....
    - a. submersibles are not as small as submarines.
    - b. submersibles can spend more time underwater than submarines.
    - c. submersibles cannot renew their air and power supplies independently.
  
  3. The Turtle .....
    - a. was the first submersible used during war to destroy another ship.
    - b. was the first submarine used during war to attack another ship.
    - c. destroyed a British ship.
  
  4. The reason that limits the amount of time that a modern submarine can remain submerged is...
    - a. the amount of fuel in the submarine.
    - b. the amount of food and water aboard the submarine.
    - c. There is no limit to the amount of time a modern submarine can remain submerged.

## PERSONAL OPINION

### **5. Answer the questions using your own words. (2 marks)**

1. Why are submarines an effective weapon of war?
2. Would you like to travel by submarine? Why? Why not?