

Landmark Achievements in Robotics

Robotics · Practice Test · 8 Questions

1. What is widely considered the first industrial robot, designed for assembly line work and patented in 1961?

- A) Unimate
- B) Shakey the robot
- C) ASIMO
- D) DynaMite

2. Which pioneering robot, developed at SRI International in the late 1960s, is recognized as the first mobile robot capable of reasoning and navigating complex environments?

- A) Shakey
- B) Stanford Cart
- C) BigDog
- D) Roomba

3. The first successful surgical robot, the PROBOT, was developed in the 1980s. What specific type of surgery was it initially designed to assist with?

- A) Prostatectomy
- B) Appendectomy
- C) Angioplasty
- D) Craniotomy

4. Who coined the term 'robot' in his 1920 play 'R.U.R.' (Rossum's Universal Robots)?

- A) Karel Capek
- B) Isaac Asimov
- C) Arthur C. Clarke
- D) Jules Verne

5. The first remotely operated vehicle (ROV) designed for deep-sea exploration was named?

- A) ALVIN
- B) Nereus
- C) Triton
- D) Deepsea Challenger

6. What was the name of the first humanoid robot that could walk and interact with its environment, unveiled by Honda in 1986?

- A) P-series robots (P1, P2, P3)
- B) ASIMO
- C) Atlas
- D) HRP-4C

7. The invention of the first articulated robotic arm, a crucial development for automation, is attributed to:

- A) George Devol
- B) Joseph Engelberger
- C) Victor Scheinman
- D) Raytheon

8. Which groundbreaking robot, developed at Carnegie Mellon University, was the first to perform complex autonomous tasks like navigating a house and performing household chores in the 1990s?

- A) Robo-Tuna
- B) HERMES
- C) LISA
- D) HOME-MAX