

Landmark Achievements in Robotics

Robotics · Answer Key · 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