

Basic Robotics Facts

Robotics · Practice Test · 10 Questions

1. The word "robot" originated from a word in which language meaning "forced labor"?

- A) German
- B) Czech
- C) Spanish
- D) French

2. According to Isaac Asimov's First Law of Robotics, what must a robot never harm?

- A) A human being
- B) Another robot
- C) Its power source
- D) A computer network

3. What is the main function of sensors on a robot?

- A) To store fuel
- B) To generate electricity
- C) To gather information about its environment
- D) To decorate the robot

4. Which robotic rover was landed on Mars by NASA in February 2021 to search for signs of ancient life?

- A) Voyager 1
- B) Sputnik
- C) Hubble
- D) Perseverance

5. What is an Unmanned Aerial Vehicle (UAV) more commonly known as?

- A) Rover
- B) Drone
- C) Submarine
- D) Blimp

6. Which Japanese company created ASIMO, a famous bipedal humanoid robot, in 2000?

- A) Honda
- B) Toyota
- C) Ford
- D) Hyundai

7. Which household device is a common real-world example of an autonomous cleaning robot?

- A) Smart toaster
- B) Automatic lawnmower
- C) Robotic vacuum cleaner
- D) Digital thermostat

8. Which component acts as the "brain" of a robot by processing data and executing program code?

- A) Battery
- B) Microcontroller
- C) Sensor
- D) Joint

9. In which industry were industrial robotic arms first widely adopted for assembly lines?

- A) Commercial fishing
- B) Textile spinning
- C) Fast food preparation
- D) Automotive manufacturing

10. What is the name of the iconic Canadian-built robotic arm used on the International Space Station?

- A) Canadarm
- B) EuroArm
- C) NasaLeg
- D) OrbitClaw