

Place the letter of the term that matches the description on the blank in front of the number.

1. sent from device sensors to computer
_____ A. A part of a robot's anatomy B. Advantage of CAD C. Feedback D. Transducer
2. number of independent movements
_____ A. Degrees of freedom B. Closed Loop Control C. Disadvantage of automation D. Input device used in CAD
3. specially designed for giving robot instructions to carry out its tasks
_____ A. Disadvantage of automation B. Feedback C. Control Language D. Output device used in CAD
4. no health problems for humans from paint fumes
_____ A. Open Loop Control B. Use of ROM C. Real time system D. Advantage of mobile robot
5. training costs
_____ A. Disadvantage of automation B. Control Language C. Adaptability D. Input device used in CAD
6. flashing light on mobile robots
_____ A. Programming a Robot B. Safety measure in factory C. Transducer D. Closed Loop Control
7. same time on a single computer
_____ A. Multi-programming B. Dedicated computer example C. A part of a robot's anatomy D. Advantage of mobile robot
8. greater accuracy possible in the drawings
_____ A. Advantage of CAD B. Open Loop Control C. Real time system D. Digital to Analogue Convertor
9. alters signals from computer to allow robot to make continuous movements
_____ A. Advantage of mobile robot B. Dedicated computer example C. Closed Loop Control D. Digital to Analogue Convertor
10. gives feedback from sensors to the computer
_____ A. Disadvantage of automation B. Closed Loop Control C. Dedicated computer example D. Programming a Robot
11. computer needs re-programmed with updated plan of factory layout
_____ A. Cost of automated system B. Result of extending the route C. Programming a Robot D. Mobile robots
12. graphics tablet
_____ A. Safety measure in factory B. Input device used in CAD C. Adaptability D. Result of extending the route
13. purchase of robots
_____ A. Advantage of CAD B. Safety measure in factory C. Closed Loop Control D. Cost of automated system
14. shoulder
_____ A. Closed Loop Control B. Safety measure in factory C. A part of a robot's anatomy D. Output device used in CAD
15. used for training pilots
_____ A. Result of extending the route B. Control Language C. Example of a simulator D. Safety measure in factory
16. suction cup, for lifting panes of glass
_____ A. Multi-programming B. Transducer C. Cost of automated system D. Example of End Effector
17. software cannot be erased or changed
_____ A. Transducer B. Real time system C. A built-in map D. Use of ROM