Assignment 1

Due on 2018-08-14, 23:59 IST.

The due date for submitting this assignment has passed. As per our policy you have not submitted this assignment.

1. The term robot has come from the word
   a) reticula
   b) video
   c) reticle
   d) controller
   
   Ans. No, the answer is incorrect. Score: 0
   Accepted Answers:
   c) reticle

2. Robots are used in manufacturing units for
   a) heat deformation
   b) mass production
   c) piece production
   d) batch production
   
   Ans. No, the answer is incorrect. Score: 0
   Accepted Answers:
   b) mass production

3. Some basic and basic manipulators should have
   a) 2, 3, and 6 dof, respectively
   b) 5 and 6 dof, respectively
   c) 5 and 7 dof, respectively
   d) 6 and 7 dof, respectively
   
   Ans. No, the answer is incorrect. Score: 0
   Accepted Answers:
   a) 2, 3, and 6 dof, respectively

4. a) Linear joint with 1 dof
   b) rotary joint with 3 dof
   c) rotary joint with 2 dof
   d) rotary joint with 3 dof
   
   Ans. No, the answer is incorrect. Score: 0
   Accepted Answers:
   a) Linear joint with 1 dof

5. a) Linear joint with 1 dof
   b) rotary joint with 1 dof
   c) rotary joint with 2 dof
   d) rotary joint with 3 dof
   
   Ans. No, the answer is incorrect. Score: 0
   Accepted Answers:
   a) Linear joint with 1 dof

6. a) more than 5 dof
   b) less than 6 dof has more than 2 dof
   c) nearly 6 dof
   d) exactly 3 dof
   
   Ans. No, the answer is incorrect. Score: 0
   Accepted Answers:
   a) more than 5 dof

7. a) the end-effector company
   b) Cutek
   c) Hweda
   d) Chongqing Mianzao Corporation
   e) Inartion
   
   Ans. No, the answer is incorrect. Score: 0
   Accepted Answers:
   a) the end-effector company

8. a) Reattchable workspace of a manipulator is a subset of its reachable workspace
   b) Definition of a reachable workspace is in a subset of its attainable workspace
   c) The workspace exists between different and reachable workspace
   d) Generalization of different and reachable workspace of a manipulator given one to its total workspace
   
   Ans. No, the answer is incorrect. Score: 0
   Accepted Answers:
   a) Reattchable workspace of a manipulator is a subset of its reachable workspace