Assignment 8

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

Due on 2019-09-25, 23:59 IST.

1) In an automatic assembly, ease of part handling is same as ease of part insertion.  
   True  
   False  
   Accepted Answers: True  
   2 points

2) The rate at which machine A cycles is twice that of machine B. For otherwise identical conditions, the cost of feeding a part to machine A is _______ machine B.  
   Half of  
   Four times  
   Twice  
   Equal to  
   Accepted Answers: Twice  
   2 points

3) An assembly procedure using automatic assembler has a required feed rate of 6000 parts/min. The maximum feed rate of the assembler is 60 parts/min and two feeders were used. What happens to the cost of feeding per part?  
   Twice compared to using one feeder at maximum feed rate  
   Half compared to using one feeder at maximum feed rate  
   Equal to using one feeder at maximum feed rate  
   Cannot be determined  
   Accepted Answers: Twice compared to using one feeder at maximum feed rate  
   3 points

4) A classification prohibits design space exploration compared to orthogonal designs.  
   True  
   False  
   Accepted Answers: False  
   1 point

5) The part is of _______ type.  
   Short cylinder  
   Flat  
   Cubic  
   Cannot be determined  
   Accepted Answers: Cubic  
   2 points

6) Which of the following is true?  
   Part has no symmetry  
   Part has alpha-symmetry  
   Part has beta-symmetry  
   Cannot be determined  
   Accepted Answers: Part has no symmetry  
   2 points

7) What is the maximum feed rate?  
   8.5 parts/min  
   7.5 parts/min  
   2.5 parts/min  
   Cannot be determined  
   Accepted Answers: Cannot be determined  
   2 points