Assignment 8

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

1) To generate the rotary indexing _________ can be employed in an automated assembly system.
   - A. Rack-and-pinion mechanism
   - B. Ratchet and Pawl Mechanism
   - C. Germain Mechanism
   - D. All of these
   No, the answer is incorrect.
   Score: 0
   Accepted Answer:
   D. All of these

2) ___________ is also called as Maltese cross mechanism.
   - A. Rack-and-pinion
   - B. Ratchet and Pawl Mechanism
   - C. Germain Mechanism
   - D. Cam based mechanism
   No, the answer is incorrect.
   Score: 0
   Accepted Answer:
   C. Germain Mechanism

3) Tool turret is generally used to hold _________ number of tools.
   - A. 5 to 12
   - B. 12 to 50
   - C. More than 50
   - D. More than 100
   No, the answer is incorrect.
   Score: 0
   Accepted Answer:
   A. 5 to 12

4) The rack type of magazine can be utilized to store ____________
   - A. Workparts
   - B. Tools
   - C. Both tools and workparts
   - D. None of these
   No, the answer is incorrect.
   Score: 0
   Accepted Answer:
   C. Both tools and workparts

5) The long form of the term “ATC” that is commonly used in the context of material handling system is _________
   - A. Automatic Tool Correction
   - B. Automatic Tool Changing
   - C. Automated Tool Compensator
   - D. Automated Tool Cooling
   No, the answer is incorrect.
   Score: 0
   Accepted Answer:
   B. Automatic Tool Changing

6) To handle the food products such as berries, tomatoes, apples etc. in an automated food processing industry, ________ bones are commonly used.
   - A. Pallet
   - B. Tote
   - C. Carts
   - D. Bins
   No, the answer is incorrect.
   Score: 0
   Accepted Answer:
   B. Tote

7) To process the workparts in batches, ____________ type of layout is suitable
   - A. Product
   - B. Process
   - C. Fixed-position
   - D. Continuous
   No, the answer is incorrect.
   Score: 0
   Accepted Answer:
   B. Process

8) ____________ navigation involves the use of on-board gyroscopes and/or other motion sensors to determine the position of an automated vehicle by detecting changes in its speed and acceleration.
   - A. Cams
   - B. Laser
   - C. Inertial
   - D. Magnetic
   No, the answer is incorrect.
   Score: 0
   Accepted Answer:
   C. Inertial

9) In ____________, there is a single leg on one end of the ladder, and the other end is supported by a rail mounted on the wall or other structural member.
   - A. Half pony crane
   - B. Full pony crane
   - C. Job crane
   - D. Bridge crane
   No, the answer is incorrect.
   Score: 0
   Accepted Answer:
   A. Half pony crane

10) To convey the loose commodities such as food grains, sugar, cement, coal________ type of conveyor is most suited.
     - A. Pallet
     - B. Shunt
     - C. Chain
     - D. Stair
     No, the answer is incorrect.
     Score: 0
     Accepted Answer:
     C. Chain