Assignment 5

The due date for submitting this assignment has passed.

1) A-flow type of line provides efficient utilisation of space and is compact enough to allow effective supervision.
   - True
   - False
   Accepted Answers: True
   1 point

2) Freest form of layout creates friendly environment. The statement is:
   - True
   - False
   Accepted Answers: True
   1 point

3) Fixed position layout is suitable for bulky products such as an aircraft.
   - True
   - False
   Accepted Answers: False
   1 point

4) In conditioning process, nothing is added into any raw material only shape is given.
   - True
   - False
   Accepted Answers: True
   1 point

5) The principles for ideal facility layout include:
   - Maximum travel
   - Comprehensiveness and minimum investment
   - Safety and satisfaction
   - 1 and 3
   - 1 and 2
   Accepted Answers: 1 and 3
   1 point

6) The importance of facility layout lies in:
   - Minimisation of production delays
   - Effective use of available area
   - Improved quality control
   - All of these
   Accepted Answers: All of these
   1 point

7) The revision of existing layout is usually done:
   - For expansion
   - For improvement in the layout
   - For technological assessments
   - 1 and 2
   - 1 and 3
   - 2 and 3
   Accepted Answers: 1 and 2
   1 point

8) __________ type of flow line is used where processes or operations are performed on a rotary table or a rotary handling system.
   - Flow
   - U-Flow
   - L-Flow
   - O-Flow
   Accepted Answers: O-Flow
   1 point

9) The flow pattern DOES NOT affect which of the following:
   - Material handling cost
   - Amount of work in progress
   - Materials handling cost
   - Length of total production line
   Accepted Answers: Materials handling cost
   1 point

10) Which of the following tools/techniques are usually used for plant layout planning.
    - Flow diagram
    - Process flow chart
    - Operation process chart
    - 1, 2 and 3
    - 1 and 2
    Accepted Answers: 1, 2 and 3
    1 point