

		True	False
1	Process layout is built based on the processing sequences of the products.		x
2	The objective of concurrent engineering is to minimize design changes happening after the design is finalized.	x	
3	Sliding shoe sorter uses series of diverter slats across horizontal surface to lead the product off the conveyor.	x	
4	The main objective of material handling is to reduce the unit cost of production.	x	
5	In fixed product type layout there is little flow of personnel and equipment, but an increased flow of material through the facility.		x
6	Flow-through racks are not suitable for high density storage and for products with high inventory turnover, because the lift trucks have to drive through the racks and cannot access the products in high demand easily.		x
7	Stackability involves the ability of an empty container to be inserted into another empty container of the same type.		x
8	Product layout is used for the physically large products which are difficult to move and have low demand.		x
9	The difference between drive-in rack and drive-through rack is that the truck can actually enter inside drive-through rack, but cannot enter drive-in rack.		x
10	If you want to improve material handling system in your facility you should first develop Material Handling Planning Chart in order to analyze the material handling data.	x	
11	Constant re-planning and facility layout changes usually deteriorate the original layout design.		x
12	Power-and-free conveyor uses 2 linked tracks, one is powered and one unpowered. This gives the conveyor more flexibility.	x	
13	Directed flow path may lead to crowding, congestion and accidents.		x
14	In product layout departments, there is little flow between the workstations, because flow occurs mostly between workstations and aisles.		x
15	Jib crane is suitable for transporting heavy pieces, but it has limited mobility and is quite expensive.	x	
16	Larger unit loads decrease completion time but increase material handling time.		x
17	Material handling system should be well planned and designed before the facility layout planning starts in order to gather critical information necessary to make appropriate layout decisions.		x
18	Exploded parts photograph is a photograph which includes all the detailed information on the product as dimensions, materials and whether the part is going to be produced in house or outsourced.		x
19	Pallet loading problem involves the maximization of pallet space utilization and of load stability.	x	
20	Walkie stacker is a walking industrial vehicle used to lift and transport pallets for short distances and to store them in storage racks.	x	