

VDC2 Pre Assessment Operations Management Version 2

Section: Management Studies • Total Questions: 10 • Format: Verified Q&A

1. A machine shop usually consists of a group of highly skilled workers who perform a variety of functions such as drilling, painting, grinding, and welding. In the shop, these resources are combined, taking their different functions into consideration.] Which type of layout has been used here?

- (A) Product layout
 - (B) Fixed layout
 - (C) Process layout
 - (D) Hybrid layout
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2. In this scenario, which of these planning processes should the company utilize in order to plan for demand of all units over this time period?

A company makes three snowblower models - push, self-propelled, and rising. The company wants to determine planned levels of overall production capacity for the next six months.

- (A) Master scheduling
 - (B) Materials requirements planning
 - (C) Demand planning
 - (D) Aggregate planning
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3. Which term defines the additional requirement of capacity in a company to provide greater flexibility?

- (A) Forecasting capacity
 - (B) Capacity alternatives
 - (C) Capacity cushions
 - (D) Strategic implications
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4. In a Just-in-time (JIT) system, what is the role of a marketing manager?

- (A) Manage information activities
 - (B) Measuring the satisfaction level of customers
 - (C) Focusing on producer-driven quality
 - (D) Understanding the needs of the customer
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5. Which of the following points to a reduction in the average cost of a unit produced as production output increases?

- (A) Focused factories
 - (B) Best operating level
 - (C) Diseconomies of scale
 - (D) Economies of scale
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6. Which of the following is the main objective of capacity requirements planning (CRP)?

- (A) To analyze the requirements of labor and machine resources for filling the orders generated
 - (B) To share customer sales data with the supply chain
 - (C) To facilitate information sharing across business functions
 - (D) To decide the quantity and timing of required materials
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7. Which element of material requirements planning (MRP) is examined in the capacity requirements planning (CRP) method?

- (A) Planned orders
 - (B) Master production schedule (MPS)
 - (C) Bills of material
 - (D) Inventory record file
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8. In lean manufacturing, which type of waste occurs due to poor process design?

- (A) Waiting
 - (B) Overproduction
 - (C) Inventory
 - (D) Excess processing
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9. Which term defines the maximum output rate a facility can achieve under ideal conditions?

- (A) Capacity utilization
 - (B) Capacity planning
 - (C) Effective capacity
 - (D) Design capacity
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10. Which of the following quality management tools should the product designers use in their decision?

A device manufacturer used a customer survey to identify features that customers would like to see in the new smartphone they are planning to launch. Product designers will use data from the customer survey to decide which features to incorporate into the new smartphone.

- (A) Pareto analysis
- (B) Cause-and-effect diagram
- (C) Check sheet
- (D) Quality function deployment