

VDC2 Pre Assessment Operations Management Version 1

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

1. Which of the following is an estimate of the total cost of ownership of an ERP system?

- (A) Cost of hardware, cost of software, cost of professional services, and cost of internal staff time
 - (B) Cost of hardware, cost of software, cost of quality, and cost of internal staff time
 - (C) Cost of software
 - (D) Cost of hardware
-

2. Which of the following illustrates a mixed strategy for developing a sales and operations plan?

- (A) Vary the workforce level over the planning horizon
 - (B) Stabilize or vary the demand forecast on a period-by-period basis
 - (C) Stabilize workforce level over the planning horizon
 - (D) Stabilize or vary the workforce level on a period-by-period basis
-

3. What is an activity that involves production and distribution at the appropriate time?

- (A) Traffic management
 - (B) Supply chain management
 - (C) Logistics
 - (D) Distribution management
-

4. Which of the following is the first step in using the factor rating method?

- (A) Selecting a scale to evaluate the factors
 - (B) Assigning weights to factors
 - (C) Evaluating alternatives relative to each factor
 - (D) Identifying the dominant factors
-

5. In designing a process layout, developing a new block plan is a challenge. While developing a new block plan, the distance between two departments is measured. Which of the following is used to solve the location measurement problem?

- (A) Rectilinear distance
 - (B) Euclidean distance
 - (C) Hamming distance
 - (D) Manhattan distance
-

6. Which term defines the additional requirement of capacity in a company to provide greater flexibility?

- (A) Forecasting capacity
 - (B) Capacity cushions
 - (C) Strategic implications
 - (D) Capacity alternatives
-

7. What does process velocity measure?

- (A) The average amount of time the product takes while moving in a process or system
 - (B) The performance in response to the standards of the products
 - (C) The ratio of throughput time to value added time
 - (D) The fraction of time a resource was utilized
-

8. Which type of demand helps to determine how much raw material is needed to produce a final product?

- (A) Independent demand
 - (B) Dependent demand
 - (C) Gross requirements
 - (D) Time-phased
-

9. A company makes three snowblower models - push, self-propelled, and riding. They have forecasted the demand for the three models for the next six months. They want to stabilize the monthly production capacity for each of the six months. Which aggregate planning strategy should they use?

- (A) Chase aggregate planning
 - (B) Level aggregate planning
 - (C) Subcontracting
 - (D) Hybrid aggregate planning
-

10. Which of the following illustrates a mixed strategy for developing a sales and operations plan?

- (A) Stabilize workforce level over the planning horizon
- (B) Stabilize or vary the workforce level on a period-by-period basis
- (C) Stabilize or vary the demand forecast on a period-by-period basis
- (D) Vary the workforce level over the planning horizon