
Chapter 35: Unit 5.1 The Role of Operations Management

Short Response Questions:

1. What are the primary objectives of operations management?
2. How does operations management support supply chain management?

Long Response Questions:

1. Discuss the key functions of operations management and their impact on business performance.
 2. Explain how operations management can contribute to achieving strategic business goals.
 3. Analyze the relationship between operations management and other business functions.
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Chapter 36: Unit 5.2 Operations Methods

Short Response Questions:

1. What is the concept of Just-in-Time (JIT) production?
2. How does batch production differ from job production?

Long Response Questions:

1. Compare and contrast the different operations methods such as batch production, job production, and mass production, and discuss their advantages and disadvantages.
 2. Evaluate the role of technology in improving operational efficiency and productivity.
 3. Discuss how businesses can implement lean production techniques to enhance operational performance.
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Chapter 37: Unit 5.3 Lean Production and Quality Management (HL only)

Short Response Questions:

1. What is the primary goal of Six Sigma?
2. How does ISO 9001 contribute to quality management?

Long Response Questions:

1. Analyze the benefits and challenges of implementing lean production in a manufacturing environment.
 2. Discuss the role of Total Quality Management (TQM) in enhancing organizational performance.
 3. Evaluate the impact of quality management tools such as Six Sigma and ISO 9001 on business performance.
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Chapter 38: Unit 5.4 Location**Short Response Questions:**

1. What are the advantages of locating a business near its suppliers?
2. How can businesses assess the suitability of a location for their operations?

Long Response Questions:

1. Discuss the factors businesses should consider when selecting a location for their operations.
 2. Analyze the impact of location decisions on supply chain management.
 3. Explain how a business's location can influence its market strategy and competitive advantage.
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Chapter 39: Unit 5.5 Break-Even Analysis**Short Response Questions:**

1. What is the formula for calculating the break-even point in units?
2. How does an increase in selling price affect the break-even point?

Long Response Questions:

1. Discuss how break-even analysis can help businesses in pricing and financial planning.
 2. Analyze the limitations of break-even analysis in business decision-making.
 3. Explain how changes in fixed and variable costs impact the break-even point.
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Chapter 40: Unit 5.6 Production Planning (HL only)**Short Response Questions:**

1. What is the purpose of Material Requirements Planning (MRP)?
2. How does Just-in-Time (JIT) production affect inventory management?

Long Response Questions:

1. Discuss the role of production planning in optimizing operational efficiency.
 2. Analyze the impact of production planning on supply chain management.
 3. Explain how advanced production planning techniques, such as Just-in-Time (JIT) and Material Requirements Planning (MRP), contribute to operational efficiency.
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Chapter 41: Unit 5.7 Crisis Management and Contingency Planning (HL only)

Short Response Questions:

1. What is the purpose of a crisis management plan?
2. Why is it important to regularly update a contingency plan?

Long Response Questions:

1. Discuss the importance of crisis management and contingency planning for business continuity.
 2. Analyze the role of risk assessment in developing an effective crisis management plan.
 3. Explain how businesses can test and update their crisis management plans to ensure effectiveness.
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Chapter 42: Unit 5.8 Research and Development (HL only)

Short Response Questions:

1. What is the primary objective of research and development (R&D)?
2. How can businesses measure the effectiveness of their R&D efforts?

Long Response Questions:

1. Discuss the role of research and development (R&D) in fostering innovation and competitive advantage.
 2. Analyze the impact of R&D investment on long-term business growth and profitability.
 3. Explain the key challenges associated with managing R&D projects and how they can be addressed.
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Chapter 43: Unit 5.9 Management Information Systems (HL only)

Short Response Questions:

1. What is the primary function of Management Information Systems (MIS)?
2. How does data accuracy affect the effectiveness of an MIS?

Long Response Questions:

1. Discuss the role of Management Information Systems (MIS) in enhancing decision-making processes within an organization.
2. Analyze the impact of information technology on the effectiveness of management information systems.
3. Explain the key components of a Management Information System (MIS) and their functions.