

Quiz Grade: 90.0% (A)

Quiz Submission

Production Planning and Control

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Total Questions: 10

Course Information

Course Title: Production Planning and Control
Course Code: PPL 277
Credit Hours: 3

Quiz Questions, Student Answers, and Correct Answers

Question 1 of 10

Multiple Choice Question

What is the main objective of production planning and control?

Available Options:

- (A) To minimize production costs
- (B) To maximize production efficiency
- (C) To ensure timely delivery of products

(D) All of the above ← STUDENT SELECTED ← CORRECT ANSWER

Student's Answer: Option D: All of the above

Correct Answer: Option D: All of the above

Question 2 of 10

Multiple Choice Question

Which of the following is NOT a component of production planning and control?

Available Options:

- (A) Scheduling
- (B) Inventory management

(C) Human resource management ← STUDENT SELECTED ← CORRECT ANSWER

(D) Quality control

Student's Answer: Option C: Human resource management

Correct Answer: Option C: Human resource management

Question 3 of 10

Multiple Choice Question

What is the primary purpose of production planning?

Available Options:

(A) To determine the quantity of products to be produced

(B) To allocate resources for production ← STUDENT SELECTED ← CORRECT ANSWER

(C) To forecast demand for products

(D) To supervise the production process

Student's Answer: Option B: To allocate resources for production

Correct Answer: Option B: To allocate resources for production

Question 4 of 10

Multiple Choice Question

What is the main responsibility of a production planner?

Available Options:

(A) To develop production schedules

(B) To monitor production progress

(C) To manage inventory levels

(D) All of the above ← STUDENT SELECTED ← CORRECT ANSWER

Student's Answer: Option D: All of the above

Correct Answer: Option D: All of the above

Question 5 of 10

Text Answer Question

Explain the difference between production planning and production control.

Student's Answer:

Production planning is deciding what to produce, how much to produce, when to produce it, and what resources will be needed. It happens before production starts. Production Control is making sure the plan is followed during production. It involves monitoring progress, managing schedules, checking quality and fixing issues to keep production on track. In short: production planning sets the plan; production control ensures it is carried out efficiently

Correct Answer:

Production planning involves creating a plan for production and allocating resources, while production control involves monitoring and adjusting production processes to ensure they align with the plan.

Question 6 of 10

Text Answer Question

What is the purpose of a production schedule?

Student's Answer:

The purpose of a production schedule is to organize production activities so products are made on time, in the quantity, and with available resources

Correct Answer:

The purpose of a production schedule is to outline the specific tasks, resources, and timeframes required for production in order to meet demand and optimize efficiency.

Question 7 of 10

Multiple Choice Question

Which of the following is NOT a factor to consider when creating a production schedule?

Available Options:

- (A) Demand for products
- (B) Availability of resources
- (C) Competitor's production schedule ← STUDENT SELECTED ← CORRECT ANSWER
- (D) Production capacity

Student's Answer: Option C: Competitor's production schedule

Correct Answer: Option C: Competitor's production schedule

Question 8 of 10

Multiple Choice Question

What is the main goal of inventory management in production planning and control?

Available Options:

- (A) To minimize inventory costs
- (B) To maximize inventory turnover
- (C) To maintain a stable level of inventory

(D) All of the above ← STUDENT SELECTED ← CORRECT ANSWER

Student's Answer: Option D: All of the above

Correct Answer: Option D: All of the above

Question 9 of 10

Text Answer Question

Explain the role of quality control in production planning and control.

Student's Answer:

Quality control in production planning and control ensures that products meet the required standard and customer expectations. It involves checking materials, monitoring the production process and inspecting finish products to identify defects early. This helps reduce waste, maintain consistency, and ensure efficient production

Correct Answer:

Quality control ensures that products meet the required standards and specifications, and helps identify and address any issues in the production process that could affect product quality.

Question 10 of 10

Multiple Choice Question

Which of the following is NOT a common production planning and control technique?

Available Options:

- (A) Just-in-time (JIT)
- (B) Economic order quantity (EOQ)
- (C) Total quality management (TQM)

(D) Random sampling ← STUDENT SELECTED ← CORRECT ANSWER

Student's Answer: Option D: Random sampling

Correct Answer: Option D: Random sampling

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