



Vendor: Microsoft

Exam Code: MB-335

Exam Name: Microsoft Dynamics 365 Supply Chain
Management Functional Consultant Expert

Version: DEMO

QUESTION 1

Case Study 1 - Fabrikam Inc

Background

Fabrikam Inc. is a manufacturer of sanitation cleaning solutions and equipment including carpet/floor cleaners, pressure washers, scrubbers and vacuums.

Fabrikam Inc. is a single legal entity based in New York city.

Current environment

Products manufactured

Cleaning equipment

- floor cleaner
- pressure washers
- scrubbers
- vacuums

Liquid cleaning solutions

- No scent
- Orange scent (subcontracted to a vendor named VendorA)
- Pine scent (subcontracted to a vendor named VendorA)

The production quantity for the finished unscented liquid cleaning solution is 40-liters. IngredientC for unscented liquid cleaning solution is stored in inventory in 50-liter barrels and allocated in 50-liter increments. Two barrels of IngredientC are used to produce a barrel of unscented liquid cleaning solution.

Production sites

The Eastern United States facility manufactures equipment.

The Western United States facility manufactures liquid cleaning solutions.

Raw materials and finished products are stocked at the warehouse and distributed from the warehouse.

You need to configure production operations for the pine and orange scent solutions.

Which three actions should you perform? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Configure the inventory policy for the item model group to set the value of the Stocked product option to Yes.
- B. Use a purchase agreement as a service agreement.
- C. Allocate subcontracted work in its own cost breakdown block.
- D. Configure a costing resource and requirement to point to a Vendor type resource.
- E. Configure the BOM line to be of type Vendor and associate the corresponding vendor account.

Answer: ADE

Explanation:

<https://learn.microsoft.com/en-us/dynamics365/supply-chain/production-control/manage-subcontract-work-production>

Subcontracting of route operations:

Additionally, it must have an item model group that has the Stocked product option under Inventory policy set to Yes.

The BOM line must be of the Vendor type,

This route operation must have a costing resource and resource requirement that point to a resource of the Vendor type

QUESTION 2

Case Study 2 - A manufacturing company

Background

A manufacturing company produces custom configured-to-order motorcycles. The company plans to implement Dynamics 365 Supply Chain Management. The company contains one legal entity located in Missouri where all production and warehousing operations occur.

Customization options

The custom motorcycles have a variety of selections that can be selected in the listed order by the end customer, including the following:
image21

Current environment

Customization restrictions

The following restrictions on customizations are in place:

- Green color can only be sold with the Legend Trim.
- Orange color can be sold with the Sport or Legend Trim.
- The ML seat must be included in the Legend package.
- The MS seat must be included in the Sport package.

Manufacturing facilities

The company includes the following manufacturing groups: Assembly and Plastic Molding. The Assembly group is responsible for assembling the motorcycles with purchased and manufactured goods. The Plastic Molding group is responsible for manufacture of all plastic parts used in the assembly area.

Motorcycle manufacturing

The parts for the product assembly are picked from the warehouse and staged at the correct workstation by a warehouse operator for each production order.

You need to configure the system for plastic operations.

Which two parts should be manually reported as finished? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. unmachined plastic pieces
- B. excess plastic
- C. mold tooling
- D. machined plastic pieces

Answer: BD

QUESTION 3

Case Study 3 - Adatum Corporation

Background

Adatum Corporation is a multi-entity corporation located in Seattle, Washington in the United States. The company is a leading producer of specialty cakes and cookies. The company also manufactures specialty chocolates that use ethically sourced ingredients from around the world. The company plans to launch a new product line of organic chocolates later this year.

Adatum plans to implement Dynamics 365 Finance and Dynamics 365 Supply Chain Management to manage financials, inventory, end manufacturing capabilities across the entire organization,

Current environment

Distribution

- Manufactured products are stored at the distribution warehouses until they are shipped to customers.
- Individually branded pre-packaged cake and cookie mixes are supplied to specialty cafes and restaurants. The mixes are shipped directly to the cafes and restaurants from the production factories.
- The company maintains a fleet of trucks and also subcontracts shipments between the factories and warehouses to outside vendors.

Production

- The mixes and specialty chocolates are based on standard recipes that use precise ingredient ratios. There are strict rules around ingredient substitutions.
- All mixes use one of three base recipes as their foundation: BaseA, BaseB, and BaseC. Additional ingredients, spices, and flavorings are then added to make the final product.
- BaseA and BaseB are made in large batches and stored until they are used in the other mixes.
- Mixes with BaseA have a shelf life of six months due to the type of flour it uses.
- Specialty chocolates are manufactured only during the holiday season.

You need to resolve the issue for UserC.

Which two options should you configure? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. Shelf life period in days
- B. Backward tracing
- C. Best advice period in days
- D. Best before period in days
- E. Forward tracing

Answer: AD

Explanation:

<https://learn.microsoft.com/en-us/dynamics365/supply-chain/master-planning/planning-optimization/shelf-life>

QUESTION 4

Case Study 4 - Adventure Works Cycles

Background

Adventure Works Cycles is a high-end bicycle manufacturer in North America. Their standard model bicycles are available year-round. Limited-edition bicycle models are released several times a year to boutique retailers domestically.

Adventure Works has had the most success with their limited-edition bicycles. These bicycles have high margins, are in high demand, and have a strong following with the younger generation biking community.

Current environment

General

Adventure Works expects to triple their manufacturing capabilities in the next few years due to increasing demand. The company plans to invest in Dynamics 365 Finance, Dynamics 365 Supply Chain Management, and the Power Platform products to migrate from a custom-built enterprise resource planning (ERP) solution and Microsoft Excel worksheets.

Adventure Works sells only to the United States and Canada. Despite their limited market, they

cannot keep up with current demand. Over time, they want to expand their market to remain profitable.

Adventure Works has no capabilities or budget to undertake any development beyond Excel formula-level tasks.

You need to create the production orders for standard model bicycles.

Which method should you use?

- A. Supply schedule form
- B. Released item
- C. Master planning execution
- D. Sales order line
- E. All production orders form

Answer: A

QUESTION 5

Case Study 5 - ADatum Corporatio

Background

ADatum Corporation is a golf cart manufacturing and rental company. The company produces golf carts, converts them to assets, and then rents them out over a period of time. The engineering team continuously seeks to create innovative, sustainable golf carts to stay current in the industry.

Although the company no longer creates gas-powered vehicles, some of its models are still in use as rentals.

ADatum Corporation plans to move from multiple, disconnected systems for each team of employees to a connected platform that uses Dynamics 365 Finance and Dynamics 365 Supply Chain Management.

Current Environment

Employee teams

- ADatum Corporation has four key teams of employees:

- o Procurement: A team of buyers who source raw materials for the production of the golf carts
- o Engineering: A team of engineering designers who continuously modify and improve the bill of materials (BOM) for the golf carts
- o Production: A team of production employees, including quality assurance (QA), who manages the BOM costs and work on the shop floor to produce the golf carts
- o Asset Management: A team that manages the golf cart assets, including maintenance and repairs

- The company has strict controls and uses engineering change management within its end-to-end operations.

You need to configure the production requirements for the QA team.

What should you configure?

- A. product readiness policies
- B. quality order
- C. quarantine order
- D. inventory status

Answer: A

QUESTION 6

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution that might meet the stated goals. Some question sets might have more than one correct solution, while others might not have a correct solution.

After you answer a question in this section, you will NOT be able to return to it. As a result, these questions will not appear in the review screen.

A company implements Dynamics 365 Supply Chain Management and configures the system to support process manufacturing.

The company manufactures pain-relieving lotions. Several of the primary ingredients are delivered at different concentrations depending on the ingredient and vendor. IngredientA is the primary active ingredient in the lotion. IngredientB is used as a compensating ingredient.

You need to ensure that the system is set up to support the manufacturing process.

Solution: Configure the catch weight of IngredientA to allow for the variances of the concentrations received from the different vendors.

Does the solution meet the goal?

- A. Yes
- B. No

Answer: B

QUESTION 7

A manufacturing company uses time and attendance in Dynamics 365 Supply Chain Management.

An employee discovers an error after a time and attendance record is approved and transferred. The payroll transfer has not been run. However, the time has been posted against the production order.

You need to reverse the transferred registrations.

What happens to the production order time posting?

- A. The Production Report as Finished journal is posted.
- B. Negative values are offset through manual posting.
- C. The production order is ended.
- D. Transactions are offset and neutralized.

Answer: D

QUESTION 8

You are a process engineer evaluating Lean vs. Discrete processing. You want to convert a

Kanban item.

This item has the following Lean setup:

- The setup uses a Lean schedule group with a throughput ratio = 2.
- The process activity tied to production flow has the following runtime activity times: time = 3 min, per quantity = 1.
- The work cell capacity has a model type of Throughput and an average throughput quantity of 60 per a capacity period of standard workday (8 hour day).
- The throughput is 10 per hour.

You need to set up a Discrete operation to mirror the item's production flow activity.

What should you do?

- A. Create a route with a runtime = 6, a process quantity = 1, and the operation's hours/time = 1.
- B. Create a route with a runtime = 1, a process quantity = 6, and the operation's hours/time = 1.
- C. Create a route with a runtime = 10, a process quantity = 6, and the operation's hours/time = 1.
- D. Create a route with a runtime = 1, a process quantity = 1, and the operation's hours/time = 1.

Answer: A

QUESTION 9

A company uses Lean manufacturing processes with Kanban boards.

When unexpected transfer jobs occur, the boards do not clear properly.

You need to ensure that the boards clear properly.

What are two possible ways to clear the board? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. Remove the planned Kanban job.
- B. Change unplanned to planned.
- C. Delete the unplanned job.
- D. Revert the planned Kanban job status.

Answer: AD

Explanation:

<https://learn.microsoft.com/en-us/dynamics365/supply-chain/production-control/tasks/remove-kanban-job-schedule>

QUESTION 10

A company has three jobs in a job queue. JobB and JobC start while JobA is in progress. The following table shows the estimated production time for each job.

Job	Production time
JobA	1 hour
JobB	4 hours
JobC	3 hours
Total	8 hours

The actual work hours and total bundle time are shown in the following table.

Start time	End time	Total bundle time
09:00	15:00	6 hours

You need to calculate the allocated time for JobA by using a Job allocation key.

What is the total allocated time for JobA?

- A. 1 hour
- B. 2 hours
- C. 4 hours
- D. 6 hours
- E. 8 hours

Answer: B

Explanation:

<https://learn.microsoft.com/en-us/dynamicsax-2012/appuser-itpro/about-allocation-keys>

QUESTION 11

You produce 100 total units of finished goods. The amount of material used to produce the goods is the equivalent amount of material needed to produce 105 finished goods.

The company must track variances in material compared to the original estimated amount. You must only use one picking list journal for each production order.

You need to post a picking list that accounts for the material required to produce 105 finished goods.

What should you do?

- A. When creating the lines for a picking list, select the estimated consumption option and override the consumption field with the actual amount to be consumed.
- B. Increase the production order to a total quantity of 105 and re-estimate.
- C. Report as finished five additional units into the good quantity and post a picking list for only the originally estimated amount.
- D. In the Bill of materials production details, edit the estimated amount for each line to equal 105 units of raw material.

Answer: A

QUESTION 12

A company uses engineering change management for process manufacturing operations.

The company discovers that several products were configured with missing master data during the life cycle of the products.

You need to configure master data checks for the products.

Which three objects can you configure for data checks? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. standard, non-engineering products
- B. product formulas
- C. product BOM lines
- D. engineering products
- E. product versions

Answer: ADE

QUESTION 13

A company produces various products using Process manufacturing.

The manufacturer makes two co-products from a formula and rarely produces the primary formula item. The costs of making the co-products are inflated. The manufacturer must update the costs of producing the co-products and change the formula to not produce the primary formula item.

You need to change the primary formula item type.

What should you do?

- A. Change the primary formula item to use the planning item type.
- B. Change the production type to Bill of materials and recalculate the item cost.
- C. Associate the costs to produce by-products with the items.
- D. Change the cost of the primary formula item to zero and then recalculate the item cost.

Answer: A

QUESTION 14

A vendor plans to supply replacements for a product that they manufactured.

The cost associated with manufacturing most components of the replacement product differ from costs associated with the original product.

You need to plan for the new cost of the item in determining the sales price.

Which costing version explosion mode should you use?

- A. According to BOM line type
- B. Single level
- C. Multilevel

D. Make to Order

Answer: C

QUESTION 15

A pharmaceutical company is implementing Dynamics 365 Supply Chain Management.

The formulas for medication include a single active ingredient. The active ingredient will be defined with a target level and specified deviation ranges from the target.

You need to set up the active ingredient items.

Which two actions must you perform? Each answer presents a partial solution.

NOTE: Each correct selection is worth one point.

- A. Enable batch tracking.
- B. Configure inventory batch attributes.
- C. Configure expiry dates for a batch.
- D. Enable serial tracking.

Answer: AB

QUESTION 16

You are using the manufacturing execution module in Dynamics 365 Supply Chain Management.

License plate labels must be printed for products in the Report as finished step.

You need to use the manufacturing execution functionality that meets this requirement.

What should you use?

- A. Work templates
- B. Load planning workbench
- C. License plates
- D. Job card device

Answer: D

QUESTION 17

A manufacturing company uses master planning in Dynamics 365 Supply Chain Management.

Purchase orders for a raw material are created more frequently than needed. This results in missed discounts with the vendor who sells the raw material.

The raw material items have a 30-day lead time. The company is willing to delay sales and production order demand that may consume the raw material for up to 15 days to consolidate purchase orders.

You need to configure the setup to include lead time and consolidate purchase orders.

What should you configure?

- A. negative days only
- B. positive days
- C. dynamic negative days and negative days
- D. dynamic negative days only

Answer: C

QUESTION 18

A manufacturing company uses discreet manufacturing to make skateboards. Production order picking lists are manually posted after finished good are reported as finished.

A production order has six picking lists posted. The quantities on the picking lists do not match any of the reported or finished quantities. This causes an inventory error for the raw materials. All raw material transactions must be tracked on production order and reconciled.

You need to process a single picking list for each production order.

What should you do first?

- A. Delete the six posted picking list journals.
- B. Create a counting journal to reconcile the inventory that was posted in error.
- C. Create a production picking list. When creating lines select option Full reversal.
- D. Create a movement journal and select the proper account for production postings to reconcile the inventory that was posted in en-or.

Answer: C

QUESTION 19

A manufacturer uses discreet orders and manually consumes raw material after reporting products as finished.

You are performing an end-of-month closing for remaining picking lists on production orders. You must not be required to consume the full amount of material on production order picking lists as a result of improved production efficiency. When the production manager verifies that no material is left to consume, there are remaining back-ordered amounts.

You need to pick the line item short and eliminate the remaining demand.

What should you do?

- A. Enter the consumption amount on the line to match the actual amount used and select end on the production order picking list.
- B. Change the Coverage group on item option to manual.
- C. Delete the item from the Bill of materials for the finished good.
- D. Enter the consumption amount on the line to match the actual amount used, and delete the remaining amount.

Answer: A

QUESTION 20

You are responsible for product and formula maintenance for a paint manufacturer. You create a formula for white paint and add its lines.

When the formula size increases or an ingredient changes, the quantity of the pigment ingredient must be adjusted proportionately.

You need to set up the formula line for the pigment.

Which formula feature should you use?

- A. Pegged supply
- B. Step consumption
- C. Scalable
- D. Variable

Answer: C

QUESTION 21

Hotspot Question

A company makes engine parts used in the automotive industry.

The company is in the process of retooling an existing manufacturing plant. They plan to use Dynamics 365 Supply Chain Management to help support the Bill of Materials (BOM) product lifecycle engineering version control.

You must translate existing production processes into the proper elements.

You need to create BOM lifecycle states to translate existing production processes into the proper elements.

What type of BOM product lifecycle state should you create? To answer, select the appropriate BOM state in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Scenario

Create runs for existing orders that need to be scheduled for production.

BOM type

	▼
engineering	
draft	
costing	
production	

Create visibility into cost and materials estimates for prototype products.

	▼
engineering	
draft	
costing	
production	

Create visibility into cost estimates for products that use a very constrained component for the next three months.

	▼
engineering	
draft	
costing	
production	

Answer:

Answer Area

Scenario

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