

**Exam Code: MB-335**

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



### Case Study - Adventure Works Cycles

This is a case study. Case studies are not timed separately. You can use as much exam time as you would like to complete each case. However, there may be additional case studies and sections on this exam. You must manage your time to ensure that you are able to complete all questions included on this exam in the time provided.

To answer the questions included in a case study, you will need to reference information that is provided in the case study. Case studies might contain exhibits and other resources that provide more information about the scenario that is described in the case study. Each question is independent of the other question on this case study.

At the end of this case study, a review screen will appear. This screen allows you to review your answers and to make changes before you move to the next section of the exam. After you begin a new section, you cannot return to this section.

To start the case study

To display the first question on this case study, click the Next button. Use the buttons in the left pane to explore the content of the case study before you answer the questions. Clicking these buttons displays information such as business requirements, existing environment, and problem statements.

If the case study has an All Information tab, note that the information displayed is identical to the information displayed on the subsequent tabs. When you are ready to answer a question, click the Question button to return to the question.

#### 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 formlevel tasks.

##### Bicycle manufacturing

Bicycle models are measured and reported against how well a single model performs as a sum of all the variations of that model. For example, the Street Kid YOLO model sold 25,000 units in 2019 across all variations of the product, but the Purple Female frame made up 30 percent of that model's sales.



The Street Kid YOLO models sell in different volumes depending on the market.

The creation of production orders for bicycles occurs monthly and is based on historical sales.

Each part of a bicycle's assembly occurs at a different station in the Adventure Works production facility.

A piece of paper that has eight sections accompanies a bicycle throughout the manufacturing process. As each step is completed, the respective section is completed and signed off by a production worker.

The completed paper is used in the put-away process by the warehouse workers.

#### Financials

The standard model and limited-edition bicycle teams are separate operating units within the manufacturing division. Financials are tracked and reported separately even though they are produced and sold in the same sales channels.

Updates to the standard model bicycle models are created when a part for a bicycle becomes unavailable. This can change the cost of the product.

An updated model of a bicycle with new parts will be maintained as a new item and have a new price. However, it will look like the exact same product to retailers and distributors.

#### Manufacturing process

The bicycle manufacturing process is shown in the following graphic:



#### Limited-edition bicycle process

The limited-edition bicycles are made up of an Adventure Works custom frame with all other parts created by local artists and manufacturers.

Each bicycle has a unique set of new items that make up the bill of materials (BOM) because all parts are created to specification.

A single pilot limited-edition bicycle is created as a proof of concept.

Adventure Works occasionally reuses components from existing bicycles, but most limited-edition bicycles are made of handcrafted components designed to specifications.

Each limited-edition bicycle is built, and hand signed by a single Adventure Works artisan.

Sales price must be auto calculated after the cost price is derived.

Before creating the proof of concept limited-edition bicycle, the approximate sales price needs to be determined through a cost-plus 20 percent calculation.

All items except for the frame in the prototype process are considered finished items and can be sold individually.

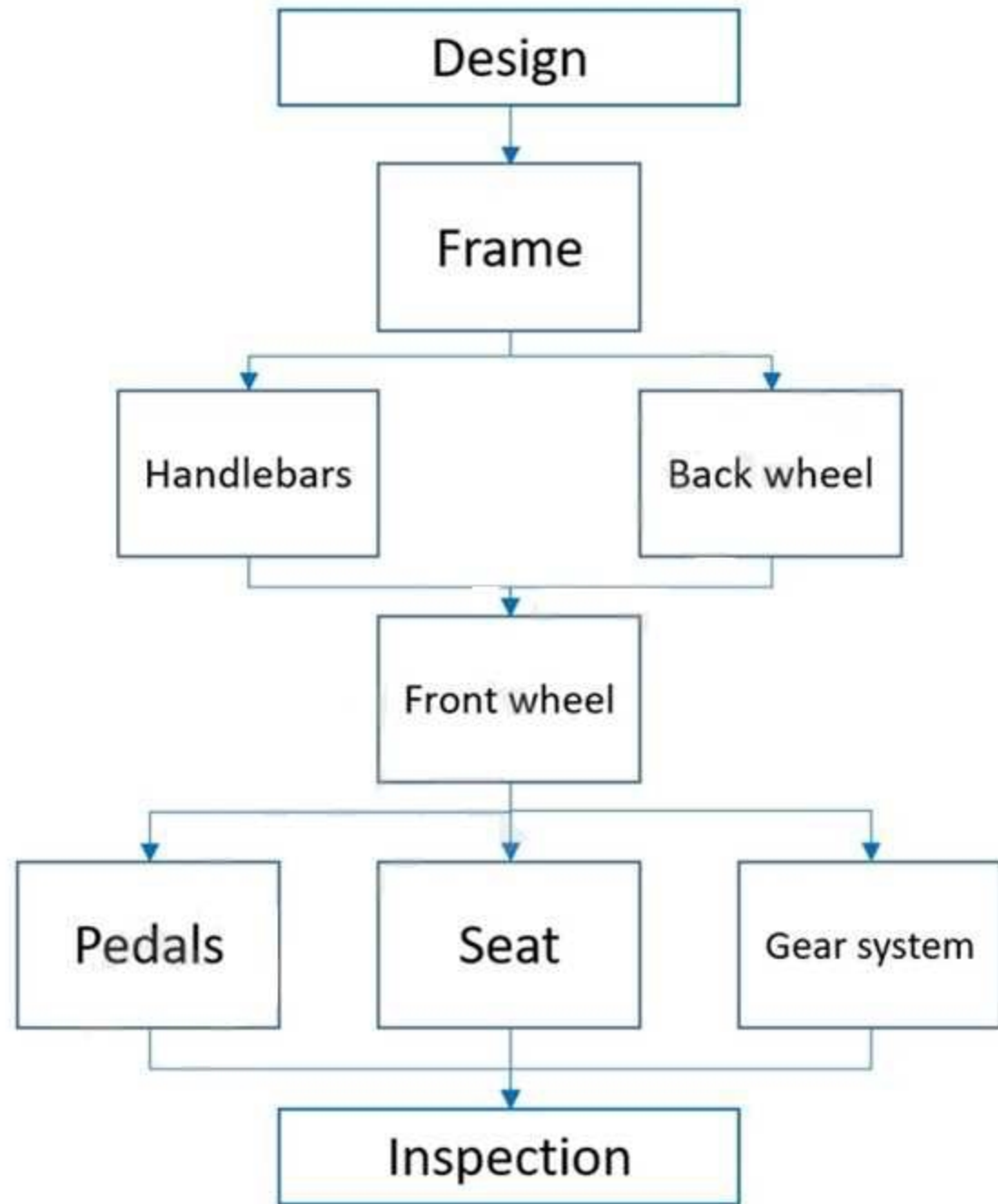
The frame items require modifications in accordance with the manufacturing process as well as painting.

Each Adventure Works limited-edition bicycle artisan is scheduled to create a specific number of bicycles in a production run that must be completed by a certain date.

Limited-edition bicycle artisans work exclusively on a given run of limited-edition bicycles and are not able to work on other tasks.

Limited-edition bicycle BOM assembly process

The prototype process for the limited-edition bicycles is shown in the following graphic:



Vdumps

Requirements

General

Adventure Works will consist of three legal entities: the primary legal entity of the United States (AWUS), sales in Canada (AWCA), and an international expansion (AWIN).

AWIN must be able to sell only standard model bicycles.

AWUS and AWCA must be able to sell both standard model and limited-edition bicycles.

Warehouse workers must use the Warehouse Management mobile application to manage all inventory inbound and outbound from the warehouse.

## Bicycle manufacturing

The handlebars, back wheels, and front wheels must not change for any of the bicycle model configurations.

Standard model bicycle production scheduling must be configured to start as soon as possible.

Bicycle components must be automatically reserved when the item is released to the production floor.

Standard model bicycle production must be automatically created on a predefined schedule.

As soon as bicycles are completed, they must be available to fulfill the backlog of orders.

Limited-edition bicycle production must be configured to meet the end date for when the bicycles must be completed.

Production orders need to track financials by standard model or limited-edition bicycle manufacturing teams.

The system must log the immediate consumption of BOMs for traceability.

All inventory is warehouse enabled.

Finished goods are reported as finished by the warehouse worker who picks up the finished product from the packaging area.

Finished products must automatically have put-away work completed for them.

## New limited-edition bicycle process

Adventure Works is creating a new, limited-edition bicycle to commemorate the company's tenth anniversary. The limited-edition bicycle will be designed for charity events and be produced for the summer season.

The bicycle must be available in men's, women's, and unisex frame styles. It will be painted in one of 50 hand-painted designs representing the charity of the customer's choosing.

A limited run of 100 bicycles must be created.

The limited-edition bicycles must use the same production process as the standard model bicycles.

The limited-edition bicycles must use the same parts used for previous limited-edition bicycles, except for the unique paint colors.

Frames must be painted in-house.

Five painting options are available only in the unisex frame style.

## New limited-edition bicycle orders

Customers must be able to place sales orders for the item in the chosen frame configuration, including style and color.

When an order for the new limited-edition bicycle is created, payment must be provided.

An approval for an order must exist for the order to be processed.

Upon approval of an order, production must start immediately and not require re-entry of data.

## QUESTION 1

DRAG DROP

You need to create the new summer limited edition bicycle in Dynamics 365 in preparation for taking orders.

Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

<https://docs.microsoft.com/en-us/dynamics365/supply-chain/pim/dimension-based-product-configuration>

Select and Place:

## Actions

Create a product for all the bicycles

Release the product to the three legal entities

Release the product to the two legal entities

Release the product variants to the selected legal entities

Create a product for each bicycle combination

Create the BOM

Define the configuration routes and rules

## Answer Area



Vdumps

Correct Answer:

## Actions

Release the product to the three legal entities
Release the product variants to the selected legal entities
Create a product for each bicycle combination

## Answer Area

Create a product for all the bicycles
Release the product to the two legal entities
Create the BOM
Define the configuration routes and rules



Vdumps

### Section:

### Explanation:

<https://docs.microsoft.com/en-us/dynamics365/supply-chain/pim/dimension-based-product-configuration>

### QUESTION 2

You need to configure the bicycles' production resource.  
Which option should you use?

- A. Exclusive capacity set to yes and enter a Batch capacity.
- B. Exclusive capacity set to no and infinite capacity.
- C. Exclusive capacity set to yes and infinite capacity.
- D. Exclusive capacity set to no and enter a Batch capacity.

**Correct Answer: C**

### Section:

### Explanation:

<https://docs.microsoft.com/en-us/dynamics365/supply-chain/production-control/operations-resources>

### QUESTION 3

You need to create the production orders for standard model bicycles.  
Which method should you use?

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

**Correct Answer: C**

**Section:**

**Explanation:**

<https://docs.microsoft.com/en-us/dynamics365/supply-chain/master-planning/supply-schedule>

#### QUESTION 4

You need to determine the sales price for a new limited-edition bicycle for the summer season. What should you do?

- A. Run inventory close for the BOM items for the limited-edition bicycle.
- B. Create the production order for the limited-edition bicycle and click estimate.
- C. Run the category price rules for the limited-edition bicycle using a cost-plus calculation.
- D. Run the pricing simulator for the limited-edition bicycle for a quantity of one.

**Correct Answer: B**

**Section:**

**Explanation:**

Fabrikam, Inc. is a discrete manufacturer of outdoor patio furniture. The company originated as a sole owner working from a home garage, then moved into a commercial storage space, and later into a full manufacturing facility. The company operates as two operating legal entities, one in the United States and the other in Mexico.

As the company grew, the existing software systems failed to grow with it. This meant that financial reporting was managed in an outdated accounting system; raw materials planning, production, and inventory control were managed in another system; and cost calculations were tracked in multiple spreadsheets managed by analysts.

#### Case Study - 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
  - o floor cleaner
  - o pressure washers
  - o scrubbers
  - o vacuums
- Liquid cleaning solutions



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

The production quantity for the finished unscented liquid cleaning solution is 40-liters. IngredientC 'or 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.

#### Warehouse facilities

The warehouse consists of the following zones:

Zone	Description
1	This zone stores parts and material for manufacturing machine equipment and finished products. It consists of four aisles, five shelves, and 20 bins.
2	This zone stores barrels of liquid raw material and finished products. It consists of five aisles and 20 shelves.



#### \_ Requirements

##### Cleaning equipment manufacturing

You identify the following requirements for manufacturing cleaning equipment:

- Production is Make to Stock and must be scheduled at an operational level.
- Machine equipment is produced on an assembly line. Scheduling must be based on production orders.
- Finished products must be packaged and shipped directly from the warehouse.
- To reduce delivery times and excess inventory, equipment must be produced as needed.
- The ability to schedule production must be based on resource capacity and the availability of required materials.
- Production order operations must be scheduled to start only when capacity and materials are available at the same time and in the required quantities.

##### Liquid cleaning solution manufacturing

- Production is Make to Order and is scheduled at the job level. Products must be manufactured in batches.
- Finished products must be packaged and shipped directly from the warehouse.
- You must be able to calculate the estimated consumption of ingredients and ensure that the amount is divisible by the number of units the raw material is available.
- Formula changes must be reviewed and approved. You must ensure that approved formulas cannot be deleted or edited. Approved formulas may be deactivated.

- An ingredient used to manufacture unscented cleaning solution is defined as a restricted product.

You must be able to automatically print a product safety data sheet (PSDS) with the packing slip for any order that includes unscented cleaning solution.

- Production must be scheduled to start by date and time according to the order that is specified by the production route.

- You must implement a scheduled Kanban rule that meets the following requirements:

- o Prevent overloading a work cell for scheduled Kanbans.

- o Visualize excess inventory in a supermarket.

- o Store products in supermarkets before they are consumed or shipped.

- You must link relevant financial dimension data to the inventory transactions at each site to ensure that you can trace profit and loss figures directly to East site and West site respectively.

- You must set up production operations for sub-contracting of Pine scent and Orange scent solution to VendorA to ensure that a purchase order is automatically created based on estimation of a production order.

#### Costing

- The price of raw materials used for manufacturing unscented cleaning solution must be tracked based upon commodity exchange pricing. The margin and cost multiplier must be set up for commodity traded raw material.

- You must set up cost calculation groups to ensure that indirect costs that originate in the manufacturing of finished goods are recognized and absorbed into the product cost.

- The production manager needs to set up picking list journals and BOM item consumption.

#### Reporting

- Production control parameters must be setup for reporting of automatic BOM and Route consumption.

- You must create reports that include information about cost records and categories for items, and calculation formulas for indirect costs.

- You must treat manufactured items as purchased items for cost roll-up purposes during BOM calculations and reporting.

- You must configure automatic route consumption in connection with the automatic running of Report as finished.

#### Inventory control

You must not be required to track the tot number for items when you enter inventory information into the system. Lot numbers for items must be entered when items are picked from inventory.

#### Issues

Users report the following issues:

- The production manager observes that items are being deducted from inventory two times on production jobs. A shop supervisor mistakenly registers the process for assembling batteries for the pressure washers to Registered as prepared. You must reschedule the process for a future date.

- Customer1 orders 20 barrels of unscented solution. The order is confirmed. Production must be scheduled to start on December 21 to meet the customer's delivery deadline.

- User2 reports that costs for manufactured items are twice as high as expected.

- UserD reports that the formula for the liquid cleaning solution sometimes changes during production. You must enforce the policies regarding formula editing for current and future use.

### QUESTION 1

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.

**Correct Answer: A, D, E**

**Section:**

### QUESTION 2

You need to configure lot number control for inventory. Which option should you use?

- A. Physical inventory
- B. Blank receipt allowed
- C. Blank issue allowed
- D. Primary socking

**Correct Answer: B**

**Section:**

### QUESTION 3

You need to configure the system to meet the order requirements for unscented cleaning solution. 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 ingredient as a restricted and regulated product.
- B. On the inventory management parameters, set the value for the Print Product Safety Data Sheet and Prevent Sales Pack Slip/Invoke Posting to TRUE
- C. Add the ingredients for unscented cleaning solution to a regulated products inclusion list
- D. Ensure that the PSDS file is active and within the expiration date requirements.
- E. In Document Handling, associate the PSDS file with the PSDS record and set restriction field set to Internal

**Correct Answer: B, C, D**

**Section:**

### QUESTION 4

You need to configure costing for raw materials used to manufacture unscented cleaning solution.  
Which form should you use?

- A. Cost basis type
- B. Quantity and margin template
- C. Pricing calculation
- D. Pricing template



**Correct Answer: B**

**Section:**

**Explanation:**

<https://docs.microsoft.com/en-us/dynamicsax-2012//quantity-and-margin-template-form?redirectedfrom=MSDN>

**QUESTION 5**

You need to configure production control parameters for liquid cleaning solution manufacturing.

What are two possible ways to achieve this goal? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. Require an electronic signature when the formula is approved.
- B. Select Block editing and approve the formula.
- C. Select the Block removal of approval option for the formula
- D. Select the Block editing option only. D18912E1457D5D1DDCBD40AB3BF70D5D

**Correct Answer: B, C**

**Section:**

**Explanation:**

<https://docs.microsoft.com/en-us/dynamics365/supply-chain/production-control/formulas-versions>

**QUESTION 6**

HOTSPOT

You need to resolve the production manager issue.

How should you configure manufacturing execution? To answer, select the appropriate option in the answer area.

NOTE: Each correct selection is worth one point.



**Hot Area:**

Automatic BOM consumption stage	Field
Start	<input type="text"/> Flushing principle Never Status
Operation	<input type="text"/> Always Flushing principle Status + quantity
Report as Finished	<input type="text"/> Status + quantity Always Never

**Answer Area:**

Automatic BOM consumption stage	Field
Start	<div style="border: 1px solid black; padding: 2px;"> <div style="background-color: #f0f0f0; padding: 2px; display: flex; justify-content: space-between; align-items: center;"> <span></span> <span>▼</span> </div> <div style="padding: 2px;"> <div style="background-color: #d9ead3; padding: 2px;">Flushing principle</div> <div style="padding: 2px;">Never</div> <div style="padding: 2px;">Status</div> </div> </div>
Operation	<div style="border: 1px solid black; padding: 2px;"> <div style="background-color: #f0f0f0; padding: 2px; display: flex; justify-content: space-between; align-items: center;"> <span></span> <span>▼</span> </div> <div style="padding: 2px;"> <div style="padding: 2px;">Always</div> <div style="background-color: #d9ead3; padding: 2px;">Flushing principle</div> <div style="padding: 2px;">Status + quantity</div> </div> </div>
Report as Finished	<div style="border: 1px solid black; padding: 2px;"> <div style="background-color: #f0f0f0; padding: 2px; display: flex; justify-content: space-between; align-items: center;"> <span></span> <span>▼</span> </div> <div style="padding: 2px;"> <div style="padding: 2px;">Status + quantity</div> <div style="padding: 2px;">Always</div> <div style="background-color: #d9ead3; padding: 2px;">Never</div> </div> </div>

**Section:**

**Explanation:**

<https://docs.microsoft.com/en-us/dynamicsax-2012/appuser-itpro/about-production-parameters-in-manufacturing-execution>

**QUESTION 7**

**HOTSPOT**

You need to resolve the shop supervisor's issue.

Which options should you use? To answer, select the appropriate option in the answer area.

NOTE: Each correct selection is worth one point.

**Hot Area:**

Step	Action
Step 1	<div style="border: 1px solid black; padding: 2px;"> <div style="background-color: #f0f0f0; padding: 2px; display: flex; justify-content: space-between; align-items: center;"> <span></span> <span>▼</span> </div> <div style="padding: 2px;"> <div style="padding: 2px;">Cancel the planning job.</div> <div style="padding: 2px;">Set the job status to in progress.</div> <div style="padding: 2px;">Set the job status to not planned.</div> <div style="padding: 2px;">Issue a new Kanban card.</div> </div> </div>
Step 2	<div style="border: 1px solid black; padding: 2px;"> <div style="background-color: #f0f0f0; padding: 2px; display: flex; justify-content: space-between; align-items: center;"> <span></span> <span>▼</span> </div> <div style="padding: 2px;"> <div style="padding: 2px;">Modify the time fence.</div> <div style="padding: 2px;">Rerun the master plan.</div> <div style="padding: 2px;">Enable auto-firming.</div> </div> </div>

**Answer Area:**



Step	Action
Step 1	Cancel the planning job.
	Set the job status to in progress.
	Set the job status to not planned.
	Issue a new Kanban card.
Step 2	Modify the time fence.
	Rerun the master plan.
	Enable auto-firming.

Section:

Explanation:

**QUESTION 8**

HOTSPOT

You need to calculate estimated consumption of ingredients for liquid cleaning solution.

What is the consumption? To answer, select the appropriate option in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:



Consumption factor	Consumption in liters
Estimated consumption	<input type="text"/> <ul style="list-style-type: none"> <li>40 liters</li> <li>50 liters</li> <li>80 liters</li> <li>100 liters</li> </ul>
Round up to a multiple	<input type="text"/> <ul style="list-style-type: none"> <li>20 liters</li> <li>40 liters</li> <li>50 liters</li> <li>100 liters</li> </ul>
Excess consumption	<input type="text"/> <ul style="list-style-type: none"> <li>10 liters</li> <li>20 liters</li> <li>40 liters</li> <li>50 liters</li> </ul>

**Answer Area:**

Consumption factor	Consumption in liters
Estimated consumption	<input type="text"/> <ul style="list-style-type: none"> <li>40 liters</li> <li>50 liters</li> <li>80 liters</li> <li>100 liters</li> </ul>
Round up to a multiple	<input type="text"/> <ul style="list-style-type: none"> <li>20 liters</li> <li>40 liters</li> <li>50 liters</li> <li>100 liters</li> </ul>
Excess consumption	<input type="text"/> <ul style="list-style-type: none"> <li>10 liters</li> <li>20 liters</li> <li>40 liters</li> <li>50 liters</li> </ul>



**Section:**

**Explanation:**

**QUESTION 9**

DRAG DROP

You need to implement the scheduled Kanban requirements.

Which rules should you use? To answer, drag the appropriate rules to the correct requirements. Each rule may be used once, more than once, or not at all. You may need to drag the spirt bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

**Select and Place:**

**Rules**

- Enforce time-fencing.
- Maximum planned jobs.
- Add a production flow version.
- Add a BOM version.
- Alert boundary maximum.
- Add a Kanban calculation policy.

**Answer Area**

**Requirement**

- Prevent overloading a work cell for scheduled Kanbans.
- Visualize excess inventory in supermarket.

**Rule**

- 
- 

**Correct Answer:**

**Rules**

- Enforce time-fencing.
- Maximum planned jobs.
- Add a production flow version.
- Add a BOM version.
- Alert boundary maximum.
- Add a Kanban calculation policy.

**Answer Area**

**Requirement**

- Prevent overloading a work cell for scheduled Kanbans.
- Visualize excess inventory in supermarket.

**Rule**

- Maximum planned jobs.
- Add a BOM version.

**Section:**

**Explanation:**

**QUESTION 10**

You need to plan scheduling for Customer1's order of unscented solution.

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

NOTE: Each correct selection is worth one point.

- A. Schedule production based on the availability of raw material.
- B. Split and plan operations in detail for each of the resources.
- C. Schedule productions based on the capacity of the resources.



- D. Run master planning with a specific time fence.
- E. Plan scheduling of the production at the resource group level.

**Correct Answer: C, E**

**Section:**

**Case Study - Adatum Corporation**

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, and manufacturing capabilities across the entire organization.

- 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.
- 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.
- Specialty desserts are offered during the holiday season. This year, customers may specify additional icing colors and cake layers when placing orders. Depending on the popularity of two of the new colors, they may be offered the next year.
- Cocoa oil that is extracted during the production of some of the specialty chocolates is used in the BaseB foundation mix.
- Cleaning and setup of machinery between products has been causing delays in production.
- Prices of raw ingredients such as sugar can fluctuate greatly depending on seasonal and worldwide demand.
- To properly record profitability, all raw materials use the first in, first out (FIFO) costing method, while finished products are recorded at standard costs.
- Large fluctuations have been occurring at month end in costs reported due to the inability to track production runs that span from month-to-month.
- Leftover flour and sugar from production runs are collected, packaged, and donated to local food banks if the amount is too small to use in other runs.
- To maintain Adatum's certification as a manufacturer of ethically sourced ingredients, the traceability of every ingredient in all products to their source must be tracked.
- All products must be randomly tested for adherence to quality standards for ingredient makeup and weight.
- Similar recipes must be able to be produced in succession to limit machinery cleaning and setup times.

- All costs must be tracked for each production run and be able to be reconciled at the end of the monthly accounting cycle, including any work in process (WIP) costs and donations.
- The organic chocolate line must be set up. The ingredients cannot be mixed with non-organic ingredients in inventory.
- Mixes are generally stored and sold in 16-ounce bags. Some quantities are sold and distributed in 5, 10, and 20-gallon containers to large restaurants.
- Each mix has a single unique item number and is tracked per batch produced.
- Specialty chocolate products must be stored in climate-controlled areas of the warehouse.
- QA TesterA discovers during a random test that the batch of a mix does not contain the necessary amount of IngredientB.
- VendorZ, who transports finished goods from PlantA to Warehouses, is consistently late picking up product.
- OperatorA must consolidate partial mix batch group runs into saleable package quantities.
- UserB must set up the mix items.
- UserC learns that mixes containing BaseA have been stamped with a batch date from the flour vendor and is not being calculated from the mix manufacturing date. The mixes from the past month that might be impacted need to be identified and the calculation needs to be corrected.
- UserD must update the costs of finished goods. Accounting wants labor calculated in WIP based on how much time an individual spends performing the operation, as well as the finished goods to post to a specific different ledger account.
- UserE must set up and maintain the cost of sugar.
- UserF must decrease downtime for the machinery.
- UserG must plan the specialty desserts for the current holiday season.



**QUESTION 1**

**HOTSPOT**

You need to resolve the issue for UserF.

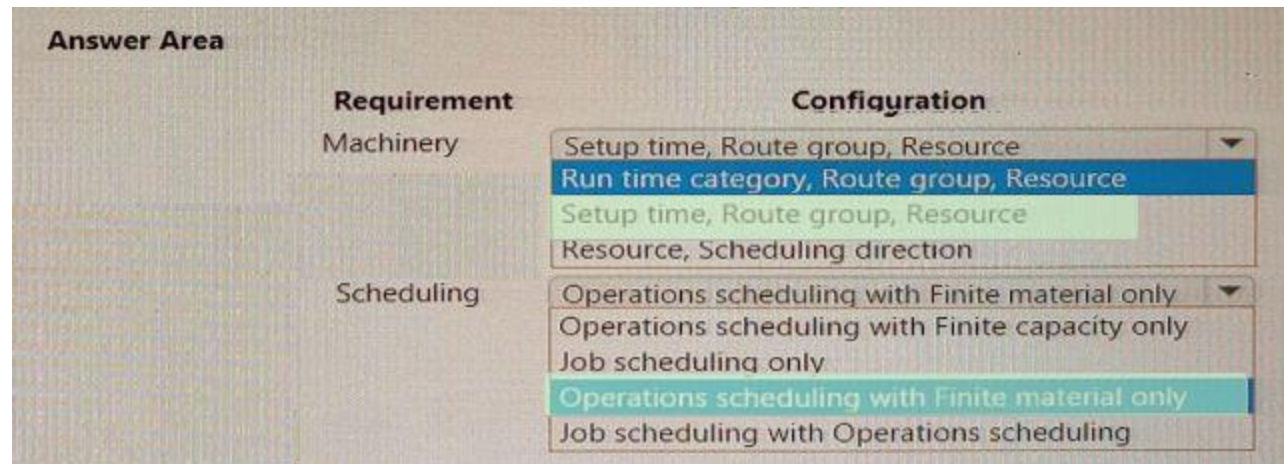
What should you configure? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

**Hot Area:**

Answer Area	
Requirement	Configuration
Machinery	<ul style="list-style-type: none"> <li>Setup time, Route group, Resource</li> <li><b>Run time category, Route group, Resource</b></li> <li>Setup time, Route group, Resource</li> <li>Resource, Scheduling direction</li> </ul>
Scheduling	<ul style="list-style-type: none"> <li>Operations scheduling with Finite material only</li> <li>Operations scheduling with Finite capacity only</li> <li>Job scheduling only</li> <li><b>Operations scheduling with Finite material only</b></li> <li>Job scheduling with Operations scheduling</li> </ul>

**Answer Area:**



**Section:**

**Explanation:**

### QUESTION 2

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

**Correct Answer: A, E**

**Section:**

### QUESTION 3

HOTSPOT

You need to resolve the issue for UserG.

What should you do? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

**Hot Area:**



Requirement	Action
Item setup	Assign size and color.
Lifecycle state	Assign size and color.
	Assign Product Master constraints.
	Assign size and style.
	Assign product category.
Lifecycle state	Assign to the Product Variant. Set as inactive after the holiday season.
	Assign to the Product Master. Set as inactive after the holiday season.
	Assign to the Product Variant. Set as inactive after the holiday season.
	Assign to the Product Master. Set as active after the holiday season.
	Assign to the Product Variant. Set as active after the holiday season.

Answer Area:

Requirement	Action
Item setup	Assign size and color.
Lifecycle state	Assign size and color.
	Assign Product Master constraints.
	Assign size and style.
	Assign product category.
Lifecycle state	Assign to the Product Variant. Set as inactive after the holiday season.
	Assign to the Product Master. Set as inactive after the holiday season.
	Assign to the Product Variant. Set as inactive after the holiday season.
	Assign to the Product Master. Set as active after the holiday season.
	Assign to the Product Variant. Set as active after the holiday season.

Section:

Explanation:

#### QUESTION 4

You need to configure the system to track the cost and delivery performance of VendorZ.  
Which two actions should you perform? Each correct answer presents a complete solution.  
NOTE: Each correct selection is worth one point.

- A. Add an activity to the production route for deliveries.
- B. Create a service product and set Stocked product - Yes.
- C. Add an activity to the production flow for deliveries.
- D. Create a service product and set Stocked product = No.

Correct Answer: A, B

Section:

**QUESTION 5**

You need to resolve the issue for UserB.

What are two possible ways to achieve this goal? Each correct answer presents a complete solution.

NOTE: Each correct selection is worth one point.

- A. Set up configuration and weight for partial visibility.
- B. Create a product master with predefined variants for ounces and boxes.
- C. Set up configuration and weight for full visibility.
- D. Create a catch weight item.

**Correct Answer: C, D**

**Section:**

**QUESTION 6**

HOTSPOT

You need to set up the chocolate items.

Which values should you select? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

**Hot Area:**

Requirement	Value
Segregate organic ingredients from non-organic ingredients.	Item Filter Code for Organic, Organic Formula Item Filter Code for Organic, Organic Formula Predefined Variant, Organic Formula Product Configuration, Organic Formula
Track the sourcing.	Item Attribute Vendor, Certificate, Expiry Item Attribute Purchase Order Address Restricted Products List

**Answer Area:**

Requirement	Value
Segregate organic ingredients from non-organic ingredients.	Item Filter Code for Organic, Organic Formula Item Filter Code for Organic, Organic Formula Predefined Variant, Organic Formula Product Configuration, Organic Formula
Track the sourcing.	Item Attribute Vendor, Certificate, Expiry Item Attribute Purchase Order Address Restricted Products List

**Section:**

**Explanation:**

**QUESTION 7**

HOTSPOT

You need to determine the batch values on the combined mix batches for OperatorA.

Which values should you use? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Field	Merged result
Batch Number	<ul style="list-style-type: none"><li>Based on batch group</li><li>Manually entered</li><li><b>Based on batch group</b></li><li>Lowest</li><li>Highest</li></ul>
Expiration Date	<ul style="list-style-type: none"><li>Manually entered</li><li>Based on batch dates group</li><li><b>Manually entered</b></li><li>Lowest</li><li>Highest</li></ul>
Lot/Serial Control Number	<ul style="list-style-type: none"><li>All are retained</li><li><b>All are retained</b></li><li>Manually entered</li><li>Lowest</li><li>Highest</li></ul>

Answer Area:

Field	Merged result
Batch Number	<ul style="list-style-type: none"><li>Based on batch group</li><li>Manually entered</li><li><b>Based on batch group</b></li><li>Lowest</li><li>Highest</li></ul>
Expiration Date	<ul style="list-style-type: none"><li>Manually entered</li><li>Based on batch dates group</li><li><b>Manually entered</b></li><li>Lowest</li><li>Highest</li></ul>
Lot/Serial Control Number	<ul style="list-style-type: none"><li>All are retained</li><li><b>All are retained</b></li><li>Manually entered</li><li>Lowest</li><li>Highest</li></ul>

Section:

Explanation:

### QUESTION 8

HOTSPOT

You need to resolve the issue for UserE.

Which configuration options should you use? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Requirement	Configuration option
Create the cost.	Define the Cost basis. Create Active Cost. Use a Calculated FIFO tier. <b>Define the Cost basis.</b>
Update the formula.	Commodity Pricing Calculation <b>Commodity Pricing Calculation</b> Default Cost Price Inventory Recalculation

Answer Area:

Requirement	Configuration option
Create the cost.	Define the Cost basis. Create Active Cost. Use a Calculated FIFO tier. <b>Define the Cost basis.</b>
Update the formula.	Commodity Pricing Calculation <b>Commodity Pricing Calculation</b> Default Cost Price Inventory Recalculation

Section:

Explanation:

### QUESTION 9

HOTSPOT

You need to configure the system to meet the requirements.

What should you use? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

**Answer Area**

**Requirement**

Ensure proper profit margin updating to account for seasonal fluctuations for raw materials.

Accommodate batch production during non-holiday season months.

**Setup**

- Trade agreement
- Commodity pricing template
- Trade agreement
- Formula version
- Pegged supply line type
- Formula version
- Formula version
- Batch attribute
- Production parameter

**Answer Area:**

**Answer Area**

**Requirement**

Ensure proper profit margin updating to account for seasonal fluctuations for raw materials.

Accommodate batch production during non-holiday season months.

**Setup**

- Trade agreement
- Commodity pricing template
- Trade agreement
- Formula version
- Pegged supply line type
- Formula version
- Formula version
- Batch attribute
- Production parameter

**Section:**

**Explanation:**

**Exam D**

**QUESTION 1**

**DRAG DROP**

A manufacturer is implementing Dynamics 365 Supply Chain Management to create blends of oil and industrial lubricant.

The manufacturer requires detailed documentation for the production order process before manufacturing begins for the products. The shop floor must review, approve, and anticipate all production runs. Before production starts, the manufacturer wants to ensure that the order can be completed by a certain timeframe based on capacity.

You need to define the production life cycle stages.

Which five actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

**Select and Place:**



**Actions**

- Generate a picking list.
- Create a production order.
- Start the order.
- Schedule production jobs.
- Estimate the order.
- Create a batch order.
- Release the order.
- Report the batch order as finished.

**Answer area****Correct Answer:****Actions**

- 
- 
- Start the order.
- 
- Create a batch order.
- 
- Report the batch order as finished.

**Answer area**

- Create a production order.
- Estimate the order.
- Schedule production jobs.
- Release the order.
- Generate a picking list.

**Section:****Explanation:****QUESTION 2**

A company uses Dynamics 365 Supply Chain Management.

The marketing group needs to be able to view a manufacturer's suggested retail price (MSRP) for a new bill of materials (BOM) item when the cost of the BOM item is calculated.

You need to configure the functionality.

What should you do?

- A. Set the sales price model field on the calculation group to item sales price.
- B. Use the category price rules to generate a trade agreement with the sales price.
- C. Add a profit setting percentage to a calculation group.
- D. Add a profit setting percentage to the released BOM product.
- E. Add a profit setting percentage to a cost group.

**Correct Answer: B****Section:****Explanation:**

**QUESTION 3**

DRAG DROP

A company overstates on-hand raw materials due to the time it takes to post raw materials as consumed when production orders are processed.

All items used to manufacture finished goods must be consumed when a finished good is reported as finished. You must not change all bill of materials lines to use the option of flushing principal.

You need to ensure that all production orders consume raw materials at Report as finished.

Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

In the Production order status section of Production control, select Start

In the Picking list journal, select Always in the Automatic BOM consumption

In the Production order status section of Production control, select Report as finished

Select Make default for all users

<https://docs.microsoft.com/en-us/dynamics365/supply-chain/production-control/production-parameters-manufacturing-execution>

Select and Place:

**Actions**

- In the Production order status section of Production control, select **Report as finished.**
- In the Production order status section of Production control, select **Start.**
- On the Bill of materials section of Inventory management, select **Report as finished.**
- Select **Make default for all users.**
- In the Picking list journal, select **Always in the Automatic BOM** consumption.
- Select default values in the ribbon.

**Answer Area**



Correct Answer:

**Actions**

- 
- 
- On the Bill of materials section of Inventory management, select **Report as finished.**
- 
- 
- Select default values in the ribbon.

**Answer Area**

- In the Production order status section of Production control, select **Start.**
- In the Picking list journal, select **Always in the Automatic BOM** consumption.
- In the Production order status section of Production control, select **Report as finished.**
- Select **Make default for all users.**



Section:

Explanation:

<https://docs.microsoft.com/en-us/dynamics365/supply-chain/production-control/production-parameters-manufacturing-execution>

**QUESTION 4**

DRAG DROP

A company uses Asset management in Dynamics 365 Supply Chain Management. The company also uses Dynamics 365 Guides independently of the Dynamics 365 Supply Chain Management implementation.

Maintenance workers require a checklist template to complete work orders. A solution must help the workers through work order steps. The solution must use Dynamics 365 Guides with Dynamics 365 Supply Chain Management.

You need to integrate the solution.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

**Select and Place:**

Actions	Answer area
Use document management to attach a link to the guide on the maintenance checklist template record.	
Complete all prerequisites for the Dynamics 365 Remote Assist configuration.	
Create a guide of the maintenance checklist process in Dynamics 365 Supply Chain Management by using the task recorder.	
Create a record template for a work order in Dynamics 365 Supply Chain Management.	
Assign a task recording link to a step in the guide in the Dynamics 365 Guides PC app.	
Create a maintenance checklist template in Dynamics 365 Supply Chain Management.	
Create a guide of the maintenance checklist process in the Dynamics 365 Guides PC app.	
Assign a guide to the template field on the maintenance checklist template record.	

**Correct Answer:**

Actions	Answer area
Use document management to attach a link to the guide on the maintenance checklist template record.	Create a maintenance checklist template in Dynamics 365 Supply Chain Management.
Complete all prerequisites for the Dynamics 365 Remote Assist configuration.	Create a guide of the maintenance checklist process in the Dynamics 365 Guides PC app.
Create a guide of the maintenance checklist process in Dynamics 365 Supply Chain Management by using the task recorder.	Assign a guide to the template field on the maintenance checklist template record.
Create a record template for a work order in Dynamics 365 Supply Chain Management.	
Assign a task recording link to a step in the guide in the Dynamics 365 Guides PC app.	

**Section:**

**Explanation:**

Create a maintenance checklist template in Dynamics 365 Supply Chain Management.  
Create a guide of the mainetnace checklist process in the Dynamics 365 Guides PC app.  
Assign a guide to the template field on the maintenances checklist template record.

**QUESTION 5**

A company uses Dynamics 365 Supply Chain Management. Equipment installations in multiple regional locations require monthly maintenance. Two maintenance technicians have holiday time off scheduled this month. You need to ensure that all scheduled work orders are completed within the month around the holiday schedules. Which feature should you use?

- A. Capacity toad calculation
- B. Operations scheduling
- C. Activity-based subcontracting
- D. Planning optimization

E. Job scheduling

**Correct Answer: E**

**Section:**

**QUESTION 6**

DRAG DROP

You are the product manager at an orange juice manufacturing company.

For every 1,000 pounds of orange juice, 20 pounds of orange pulp is created which can be sold or reused profitably. The cost is calculated as a weighted average between the quantity of orange juice that is reported as finished and the orange pulp based on the standard cost of each item.

You need to create the formula for orange juice that will produce orange pulp as a result of finishing a batch order.

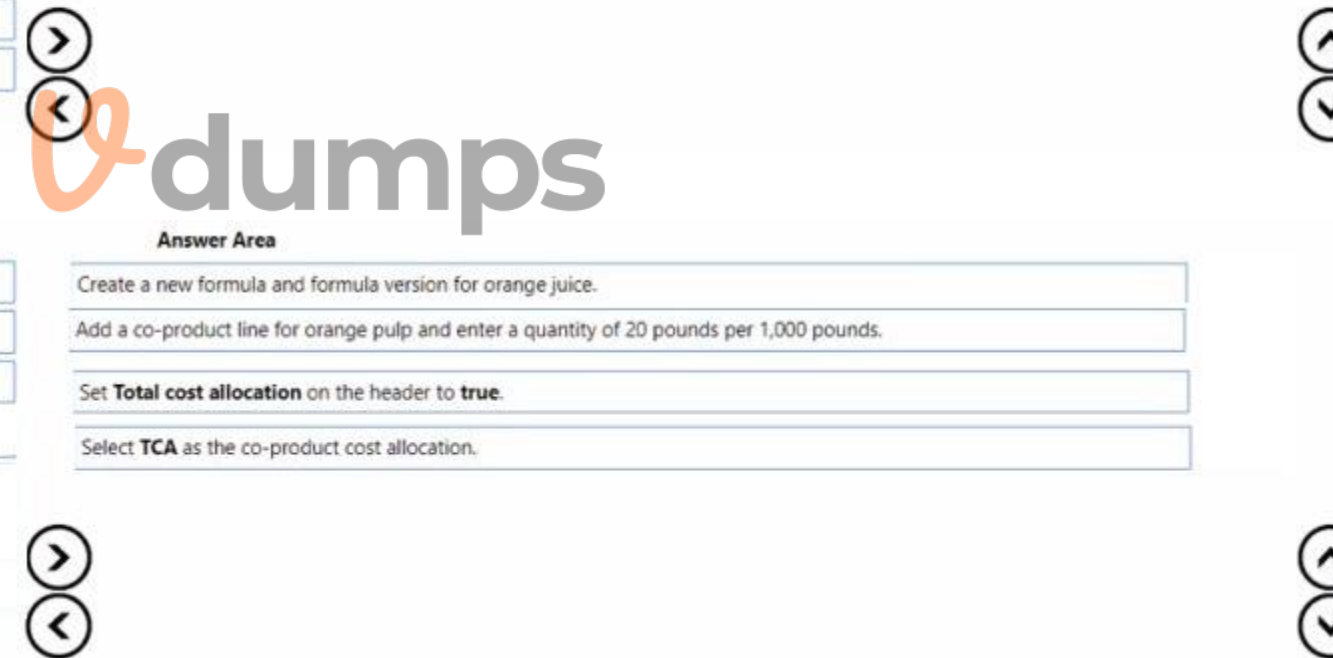
Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

**Select and Place:**

**Actions**

- Add a by-product line for orange pulp and enter a quantity of 20 pounds per 1,000 pounds.
- Select **Per quantity** as the by-product cost allocation.
- Add a formula line for orange pulp and a quantity of 20 pounds per 1,000 pounds.
- Create a new formula and formula version for orange juice.
- Add a co-product line for orange pulp and enter a quantity of 20 pounds per 1,000 pounds.
- Set **Total cost allocation** on the header to **true**.
- Select **TCA** as the co-product cost allocation.

**Answer Area**



**Correct Answer:**

**Actions**

- Add a by-product line for orange pulp and enter a quantity of 20 pounds per 1,000 pounds.
- Select **Per quantity** as the by-product cost allocation.
- Add a formula line for orange pulp and a quantity of 20 pounds per 1,000 pounds.
- 
- 
- 
- 

**Answer Area**

- Create a new formula and formula version for orange juice.
- Add a co-product line for orange pulp and enter a quantity of 20 pounds per 1,000 pounds.
- Set **Total cost allocation** on the header to **true**.
- Select **TCA** as the co-product cost allocation.

**Section:**

**Explanation:**

Create a new formula and formula version for orange juice.

Add a co-product line for orange pulp and enter...

Set Total cost allocation on the header to true.

Select TCA as the co-product cost allocation.

**QUESTION 7**

DRAG DROP

You are the product definition manager for a car manufacturing company. You set up and maintain the production configuration models used at the company.

You must build a new configuration model and Include Constraints in the model.

You need to determine which constraint type to use for each scenario.

Which constraint type should you use? To answer, drag the appropriate constraint types to the correct scenarios. Each constraint type may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point

**Select and Place:**

**Constraint types**

expression
table

**Answer Area**

Scenario	Constraint type
A specific wheel depends upon selection of the sport package and large engine. A manual transmission cannot be selected.	

**Correct Answer:**

**Constraint types**

expression
table

**Answer Area**

Scenario	Constraint type
A specific wheel depends upon selection of the sport package and large engine. A manual transmission cannot be selected.	expression expression

**Section:**

**Explanation:**

**QUESTION 8**

You are the production supervisor in charge of setting effective cost prices for the labor force in a manufacturing company.

It is the end of the year and the labor rates have been recalculated based on new salary data.

You need to update the effective labor costs for all labor groups.

Which element must be updated?

- A. cost groups
- B. cost category
- C. resource group
- D. shared category
- E. production orders

**Correct Answer: B**

**Section:**

**Explanation:**

A cost category is a classification of costs that are related to an operations resource or a routing operation. A cost category can have one or more cost elements, such as labor, machine, subcontractor, or material. A cost element represents a specific type of cost that is incurred for an operations resource or a routing operation.

To update the effective labor costs for all labor groups, you must update the cost category that is assigned to the labor groups. You can use the Cost categories page to modify the cost elements and rates for the cost category. You can also use the Costing versions page to create a new costing version with updated cost categories and activate it for future production orders.

**QUESTION 9**

**HOTSPOT**

You are a manufacturing consultant helping a client test out different bill of material (BOM) and route consumption options when starting production orders. Material and labor consumption are to be completed before Report as finish.

You are running a production order with BOM lines that have a Flushing principle set to Start. The Automatic Route Consumption Runtime has been set to Yes.

You have set up the default Start user options for all production orders as shown in the exhibit below.

Set up start  
Use on selected orders

START

Date  
12/18/2018

Start production  
Yes

References  
No

ROUTE CARD JOURNAL  
Route card  
Route

Automatic route consumption  
Always

Post route card now  
Yes

End-mark route  
No

Make default for all users

JOURNALS

Show journal info  
Yes

PICKING LIST JOURNAL  
Picking list  
Pick

Automatic BOM consumption  
Flushing principle

Create journal per

Post picking list now  
No

Physical reduction  
No

Complete picking list journal  
Yes

End-mark picking list  
Yes

Pick negative  
No

Print picking list  
No

Print options

Hot Area:



Based on the settings in Route Card Journal area, what will happen when the production order is started?

	▼
A route card that includes only hours is posted	
A route card that only includes hours and good quantities is posted	
An unposted route card is posted. Hours and quantities are blank	

Based on the settings in the Picking list journal area, what will happen when the production order is started?

	▼
A picking list is posted with consumption quantities entered and end selected	
An unposted picking list is created with consumption quantities filled in for all lines and end selected	
An unposted picking list is created with consumption quantities blank and end selected	

Answer Area:

Based on the settings in Route Card Journal area, what will happen when the production order is started?

	▼
A route card that includes only hours is posted	
A route card that only includes hours and good quantities is posted	
An unposted route card is posted. Hours and quantities are blank	

Based on the settings in the Picking list journal area, what will happen when the production order is started?

	▼
A picking list is posted with consumption quantities entered and end selected	
An unposted picking list is created with consumption quantities filled in for all lines and end selected	
An unposted picking list is created with consumption quantities blank and end selected	

Section:  
Explanation:

**QUESTION 10**  
HOTSPOT

A bicycle manufacturing company is implementing Dynamics 365 Supply Chain Management. The warehouse must pick and stage parts other than paint for bicycle assembly. Paint is at the production station. You need to configure the reservations for production. What should you configure? To answer, select the appropriate options in the answer area.  
NOTE: Each correct selection is worth one point.

Hot Area:  
Answer Area

Requirement	Configuration										
Define configuration for paint reservation.	<table border="1"><tr><td>Picking journal</td><td>▼</td></tr><tr><td>Picking journal</td><td> </td></tr><tr><td>Production order</td><td> </td></tr><tr><td>Item model group</td><td> </td></tr></table>	Picking journal	▼	Picking journal		Production order		Item model group			
Picking journal	▼										
Picking journal											
Production order											
Item model group											
Define the reservation principle for paint.	<table border="1"><tr><td>Release</td><td>▼</td></tr><tr><td>Start</td><td> </td></tr><tr><td>Manual</td><td> </td></tr><tr><td>Release</td><td> </td></tr><tr><td>Scheduling</td><td> </td></tr></table>	Release	▼	Start		Manual		Release		Scheduling	
Release	▼										
Start											
Manual											
Release											
Scheduling											



**Answer Area:**

Answer Area

Requirement	Configuration
Define configuration for paint reservation.	Picking journal
	Picking journal
	Production order
	Item model group
Define the reservation principle for paint.	Release
	Start
	Manual
	Release
	Scheduling

**Section:**

**Explanation:**

**QUESTION 11**

A manufacturer is implementing Dynamics 365 Supply Chain Management with warehouse management processes (WMS).

Warehouse workers use hand-held devices to pick and stage batch-tracked products for production. The warehouse manager requires that products are removed from on-hand inventory and consumed when they are picked and staged for production.

You need to remove the products from on-hand inventory.

What should you configure?

- A. mobile device menu item, start production order
- B. flushing principle, available at location
- C. flushing principle, start
- D. manufacturing execution, job card device

**Correct Answer: C**

**Section:**

**Explanation:**

The flushing principle is a setting that determines how and when the raw materials are consumed from inventory and registered as work in progress (WIP) for production orders and batch orders. The flushing principle can be configured at the product level, the bill of materials (BOM) or formula line level, or the production order or batch order line level.

The Start flushing principle indicates that the material will be automatically consumed when the production order is started. The amount of material that is consumed is proportional to the quantity that is started. This principle is relevant if, for example, the variance in the consumption is low, the materials are low-value materials, there are no tracking requirements, or there's a short run time on operations.

In this scenario, the warehouse manager requires that products are removed from on-hand inventory and consumed when they are picked and staged for production. Therefore, the Start flushing principle should be configured for the batch-tracked products. This way, the products will be deducted from inventory and set to WIP as soon as the production order is started on the hand-held device.

**QUESTION 12**

A company produces paints and assembles bicycle frames.

You must account for paint drying time before assembly operations can begin.

You need to set up the operation to encompass queue times.

Which two options can you use? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. Build capabilities for each resource related to color.
- B. Enter a value in the queue time after field for the painting operation.
- C. Enter a value in the transit time on the painting operation.
- D. Make a resource group for each size and color and assign that group to the operation.
- E. Enter a value in the queue time before field for the assembly operation.



**Correct Answer: B, E**

**Section:**

**Explanation:**

Queue time is the time that a job waits at a work center before or after the job is processed<sup>1</sup>. You can use queue time to account for paint drying time before assembly operations can begin. You can specify queue time in minutes, hours, or days on the route operations that are attached to the production order<sup>2</sup>.

To set up the operation to encompass queue times, you should do the following:

Enter a value in the queue time after field for the painting operation. This value indicates how long the painted bicycle frames must wait at the painting work center before they can be moved to the next operation<sup>2</sup>. For example, if the paint drying time is 24 hours, you can enter 24 in the queue time after field and select Hours as the unit.

Enter a value in the queue time before field for the assembly operation. This value indicates how long the painted bicycle frames must wait at the assembly work center before they can be processed<sup>2</sup>. For example, if there is a delay between the arrival of the frames and the start of the assembly, you can enter a value that reflects this delay in the queue time before field and select the appropriate unit.

The other options are not correct, because they do not involve queue times. Building capabilities for each resource related to color would allow you to assign resources based on their color proficiency, but it would not account for paint drying time. Entering a value in the transit time on the painting operation would indicate how long it takes to move the painted bicycle frames from one work center to another, but it would not include the waiting time before or after the movement. Making a resource group for each size and color and assigning that group to the operation would allow you to group resources that have similar characteristics and can be used interchangeably in production, but it would not affect the queue times.

1: Queue times 2: Set up operations scheduling

**QUESTION 13**

DRAG DROP

A company plans to account for indirect costs related to materials used to manufacture products.

The items used to manufacture products have surcharge rates that depend on the type of product being used.

You need to set up the costing sheet to include surcharges for specific items.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

**Select and Place:**

**Actions**

Create cost groups for indirect and direct costs.

Assign a surcharge node to items.

Assign a cost group to the items.

Create a node-type surcharge under the indirect cost group and enter the absorption basis and surcharge.

Assign the cost group for the indirect cost to the route operation.

 **Answer Area**  
dumps



**Correct Answer:**

**Actions**

Assign a surcharge node to items.

Assign the cost group for the indirect cost to the route operation.



**Answer Area**

Create cost groups for indirect and direct costs.  
 Create a node-type surcharge under the indirect cost group and enter the absorption basis and surcharge.  
 Assign a cost group to the items.



**Section:**

**Explanation:**

**QUESTION 14**

DRAG DROP

A manufacturing company is implementing Dynamics 365 Supply Chain Management.

Bill of materials (BOMs) must be calculated using standard cost principles.

Miscellaneous charges must be included in the unit cost price. The explosion mode must always be enforced as single level.

You need to configure the system to meet the requirements.

Which configuration should you enable for each requirement? To answer, drag the appropriate configurations to the correct requirements. Each configuration may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

**Select and Place:**



**Configurations**

Cost categories

Fallback principle

Calculation restriction

Recording restriction

**Answer Area**

**Requirement**

**Configuration**

Include miscellaneous charges.	
Enforce the single-level explosion mode.	

**Correct Answer:**

**Configurations**

Cost categories

Fallback principle

Calculation restriction

Recording restriction

**Answer Area**

**Requirement**

**Configuration**

Include miscellaneous charges.	Recording restriction
Enforce the single-level explosion mode.	Calculation restriction

**Section:**

**Explanation:**

**QUESTION 15**

A company produces pipe at certain fixed lengths.

The company must be able to schedule cutting machines. You set up the cutting machines as resources. All cutting resources can produce many of the products. There are some products that require cutting machines that can produce longer lengths of product. Only some of the machines can do this.

You need to configure the resources to account for these different products.

What should you do?

- A. Build capability related to length and assign to the appropriate resources.
- B. Configure the Data/Hour option on the Capacity unit field on the resource.
- C. Create a resource for each length.
- D. Create a resource group for each length.

**Correct Answer: A**

**Section:**

**QUESTION 16**

HOTSPOT

A manufacturer uses Dynamics 365 Supply Chain Management to create bicycle parts as a configure-to-order configuration. All bicycle parts are sourced from external sources and assembled in the manufacturing facility. The manufacturer plans to expand its capabilities to create custom bicycle parts in an engineer-to-order model. All bicycle parts will be created in the manufacturing facility. The custom bicycle parts must be omitted from any master planning process.

You need to describe the concepts for the requirements.

Which concepts should you use? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

**Hot Area:**

Answer Area

The screenshot shows two requirement rows. The first row is 'Redesign the manufacturing facility for the new facility capabilities.' with a dropdown menu for 'Concept' containing 'Lean', 'Unified', 'Process', 'Lean', and 'Discrete'. The second row is 'Configure for the engineer-to-order items.' with a dropdown menu for 'Concept' containing 'Supply policies', 'Supply policies', 'Supply schedule', 'Planning optimization', and 'Priority-based planning'. A large 'Vdumps' watermark is visible in the background.

**Answer Area:**

Answer Area

This screenshot is identical to the one above, but with selections made in the dropdown menus. In the first dropdown, 'Lean' is selected (highlighted in blue) and 'Discrete' is also highlighted in green. In the second dropdown, 'Supply policies' is selected (highlighted in blue).

**Section:**

**Explanation:**

**QUESTION 17**

A company manufactures high performance bicycles.

The bicycles come in several different preconfigured models. Customers can also purchase custom configurations. Several add-ons are dependent on other accessories in order to be installed.

You need to set up the system to handle the different product configurations.

What should you do?

- A. Create an expression constraint.
- B. Create a phantom BOM.
- C. Create a co-product.
- D. Create a batch version.

**Correct Answer: B**

**Section:**

**QUESTION 18**

DRAG DROP

A company uses Dynamics 365 Supply Chain Management.

Several production orders are in the started status.

An issue with equipment causes a rollback in the production status for some of the orders.

Some orders must be reset once the equipment is repaired, based on which products were being manufactured.

You need to reset the production orders based on the requirements

Which status should you use for each requirement? To answer, drag the appropriate statuses to the correct requirements. Each status may be used once, more than once, or not at all.

You may need to drag the split bar between panes or scroll to view content.

**Select and Place:**

Requirement	Status
The report as finished quantities need to be reverted but retain the production jobs that were created.	<input type="text"/>
The production jobs need to be deleted but retain the calculated item consumption calculations.	<input type="text"/>

**Correct Answer:**

Requirement	Status
The report as finished quantities need to be reverted but retain the production jobs that were created.	Created
The production jobs need to be deleted but retain the calculated item consumption calculations.	Ended

**Section:**

**Explanation:**

**QUESTION 19**

**HOTSPOT**

A manufacturing company uses Dynamics 365 Supply Chain Management.

The company identifies a bill of materials (BOM) item that needs to be recalled for a product

The engineering department needs to link customer support incidents and knowledgebase articles related to the product change.

Other items affected by this change must reference the same support incidents and knowledgebase articles.

You need to recommend features to facilitate this business process.

Which features should you recommend? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

**Hot Area:**

Answer Area

The screenshot shows two actions in a list:

- Action:** Document the changes.
- Action:** Associate the other items to the knowledgebase articles.

For each action, there is a dropdown menu for selecting features:

- Feature list for 'Document the changes':** Case management (selected), BOM version, Case management, Workflow, Document management.
- Feature list for 'Associate the other items to the knowledgebase articles':** Product change (selected), Product change, Where-used, Where-linked products, BOM designer.

**Answer Area:**

Answer Area

This screenshot is identical to the one above, but includes a large watermark for 'Vdumps' in the center. The feature selections are the same as in the previous image.

**Section:**

**Explanation:**

**QUESTION 20**

**DRAG DROP**

A company uses distributed hybrid topology within their Dynamics 365 Supply Chain Management system.

The company plans to build a manufacturing plant on a mountain to be closer to a required mineral source. Internet connectivity is unreliable, and availability of bandwidth speed is limited. The company plans to deploy an operational edge scale unit for the plant to address the connectivity issue.

You need to determine where production operations can be performed.

Which method should you recommend?

To answer, drag the appropriate methods to the correct requirements. Each method may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

**Select and Place:**

**Methods**

- Production floor execution interface
- Warehouse Management mobile app
- Production floor execution interface and Warehouse Management mobile app

**Answer Area**

**Requirement**

- Record the start of production.
- Report the number of production units completed and finished goods put away.
- Report time spent training a new employee about line operation.

**Method**

- 
- 
- 

**Correct Answer:**

**Methods**

- Production floor execution interface
- Warehouse Management mobile app
- Production floor execution interface and Warehouse Management mobile app

**Answer Area**

**Requirement**

- Record the start of production.
- Report the number of production units completed and finished goods put away.
- Report time spent training a new employee about line operation.

**Method**

- Production floor execution interface
- Production floor execution interface and Warehouse Management mobile app
- Warehouse Management mobile app



**Section:**

**Explanation:**

**QUESTION 21**

DRAG DROP

A company uses multiple Dynamics 365 applications to track and repair equipment.

The company wants to improve its repair order process. Repair technicians frequently encounter unexpected issues daily. The technicians must be empowered to address the issues and create new work orders by doing the following:

- \* Provide step-by-step, just-in-time training for work order completion in the field by using videos and text.
- \* Document work order creation in a single, printable document.
- \* Report on the use of hands-on training.

You need to implement a solution for each requirement.

Which solution should you implement for each requirement? To answer, drag the appropriate solutions to the correct requirements. Each solution may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

**Select and Place:**

**Solutions**

Dynamics 365 Guides	Dynamics 365 Remote Assist
Dynamics 365 Connected Spaces	Dynamics 365 Supply Chain Management

**Answer Area**

Requirement	Solution
Just-in-time training	
Work order creation document	
Training reporting	

**Correct Answer:**

**Solutions**

Dynamics 365 Guides	Dynamics 365 Remote Assist
Dynamics 365 Connected Spaces	Dynamics 365 Supply Chain Management

**Answer Area**

Requirement	Solution
Just-in-time training	Dynamics 365 Guides
Work order creation document	Dynamics 365 Supply Chain Management
Training reporting	Dynamics 365 Guides

**Section:**

**Explanation:**

**QUESTION 22**

**DRAG DROP**

An automobile manufacturer leases cars to companies for use as company cars.

A car leased to a company breaks down and requires repairs.

You must open a maintenance request and replace the car with an equivalent model until the original car is repaired and returned to the company. When the manufacture' receives and inspects the car, the replacement car can be released to the company.

You need to select the maintenance request components to use.

Which components should you use? To answer, drag the appropriate components to the correct assets. Each component may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

Note: Each correct selection is worth one point.

**Select and Place:**

**Components**

Asset loan	Inbound asset
Fixed asset lease	Outbound asset

**Answer Area**

Asset	Component
The leased car that must be repaired	
The replacement car for the leased car	

**Correct Answer:**

**Components**

Asset loan	Inbound asset
Fixed asset lease	Outbound asset

**Answer Area**

Asset	Component
The leased car that must be repaired	Inbound asset
The replacement car for the leased car	Outbound asset





**Section:**

**Explanation:**

**QUESTION 23**

A beverage company uses Dynamics 365 Supply Chain Management batch processing for production- You need to identify the ingredient type used in batch processing when the base attribute of a product is added to a formula line. What is the ingredient type?

- A. active
- B. compensating
- C. filler
- D. none

**Correct Answer: A**

**Section:**

**Explanation:**

The ingredient type used in batch processing when the base attribute of a product is added to a formula line is Active. Here is the explanation:

A formula line is a line that identifies an ingredient or item that makes up a formula. A formula line can have one of these ingredient types: None, Active, Compensating, or Filler<sup>1</sup>. The ingredient type determines how the system handles the line during master planning and batch order production<sup>1</sup>.

The Active ingredient type indicates that the item is an active ingredient that has a variable quantity and a fixed potency. The active ingredient of a product is modeled by using a product-specific batch attribute that has a minimum value, a maximum value, and a target level<sup>2</sup>. The target level of a batch attribute represents the estimated percentage of an active ingredient in a product<sup>2</sup>.

When the base attribute of a product is added to a formula line, it means that the product has an active ingredient that is defined by the base attribute. Therefore, the ingredient type for the formula line should be Active. This way, the system can calculate the amount of ingredients to use in a production batch based on the concentration of active ingredients in selected product batches<sup>2</sup>. This process is known as batch balancing<sup>2</sup>.

1: Batch balancing<sup>2</sup>: Formulas and formula versions



**QUESTION 24**

You are a production manager at a company which produces large batches of coffee and creamers. After a quality inspection, batch 120008 of your cold brew coffee (item number CB-0001) was found to be too acidic and must be reworked. You need to add 20 grams of sugar and stir the product for an additional 0.5 hours. What three actions are required on the rework order? Each correct answer presents part of the solution. NOTE: Each correct selection is worth one point.

- A. Manually reserve batch 120008 after estimating the batch order.
- B. Add a route operation for 0.5 run time hours of stirring.
- C. Add 20 grams of sugar to the production formula.
- D. Delete all items from the production formula except for 20 grams of sugar.
- E. Delete all route operations except for a half an hour stirring operation.

**Correct Answer: A, B, C**

**Section:**

**Explanation:**

**QUESTION 25**

**HOTSPOT**

You are the production scheduler at a manufacturing company. You schedule estimated production orders and ensure that capacity is used efficiently. You have an order that must be scheduled at the resource group level and scheduled backward from the delivery date specified on the production order. You need to schedule the order. Which scheduling parameters should you use? To answer, select the appropriate option in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

Parameter	Selection
Scheduling type	<div style="border: 1px solid gray; padding: 2px;">▼</div> <div style="border: 1px solid gray; padding: 2px;">Job scheduling</div> <div style="border: 1px solid gray; padding: 2px;">Operations scheduling</div>
Scheduling direction	<div style="border: 1px solid gray; padding: 2px;">▼</div> <div style="border: 1px solid gray; padding: 2px;">Backward from delivery date</div> <div style="border: 1px solid gray; padding: 2px;">Backward from action date</div> <div style="border: 1px solid gray; padding: 2px;">Backward from futures date</div> <div style="border: 1px solid gray; padding: 2px;">Backward from scheduling date</div>

Answer Area:

Parameter	Selection
Scheduling type	<div style="border: 1px solid gray; padding: 2px;">▼</div> <div style="border: 1px solid gray; padding: 2px;">Job scheduling</div> <div style="border: 1px solid gray; padding: 2px; background-color: #e0ffe0;">Operations scheduling</div>
Scheduling direction	<div style="border: 1px solid gray; padding: 2px;">▼</div> <div style="border: 1px solid gray; padding: 2px; background-color: #e0ffe0;">Backward from delivery date</div> <div style="border: 1px solid gray; padding: 2px;">Backward from action date</div> <div style="border: 1px solid gray; padding: 2px;">Backward from futures date</div> <div style="border: 1px solid gray; padding: 2px;">Backward from scheduling date</div>



Section:

Explanation:

<https://docs.microsoft.com/en-us/dynamics365/unified-operations/supply-chain/production-control/operation-scheduling-options>

**QUESTION 26**

HOTSPOT

A company implements Dynamics 365 for Finance and Operations. You must use functionality in the system for group production runs to prevent downtime and excessive cleaning of the machines on the production line. You need to set up the system.

Which behaviors should you expect? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Hot Area:

### Scenario

You set up a coverage time horizon of 120 days, a sequence time horizon of 60 days, and a campaign cycle of 30 days.

You set up a sequencing ID for 50 gram, 100 gram, and 200 gram packages. You assign ranking values as 1, 5, and 10 respectively.

### Expected planning behavior

Two complete campaign cycles of 30 days, each within the 60-days sequencing time horizon.
Three complete campaign cycles of 30 days, each within the 60-days sequencing time horizon.
One complete campaign cycle of 120 days.

50 gram packets, then 100 gram packets, then 200 gram packets
200 gram packets, then 100 gram packets, then 50 gram packets

### Answer Area:

### Scenario

You set up a coverage time horizon of 120 days, a sequence time horizon of 60 days, and a campaign cycle of 30 days.

You set up a sequencing ID for 50 gram, 100 gram, and 200 gram packages. You assign ranking values as 1, 5, and 10 respectively.

### Expected planning behavior

Two complete campaign cycles of 30 days, each within the 60-days sequencing time horizon.
Three complete campaign cycles of 30 days, each within the 60-days sequencing time horizon.
One complete campaign cycle of 120 days.

50 gram packets, then 100 gram packets, then 200 gram packets
200 gram packets, then 100 gram packets, then 50 gram packets

### Section:

### Explanation:

### QUESTION 27

You use the master planning module for Dynamics 365 Supply Chain Management.

Planned production orders have been created.

Several sales orders are canceled in response to concerns about recent online reviews of a product.

You need to enable the appropriate action message.

Which action message should you enable?

- A. Increase
- B. Postpone
- C. Decrease
- D. Derived actions.
- E. Advance

**Correct Answer: C**

**Section:****Explanation:**

The action message that you should enable is Decrease. Here is the explanation:

An action message is a system-generated suggestion to change an existing planned, approved, or firmed order. Action messages are generated by the master planning calculation in response to changed requirements<sup>1</sup>. For example, the ship date or quantity is changed on a sales order after you've already created a purchase order to fulfill the demand for that sales order. In this case, the master planning calculation generates one or more action messages that suggest that you update the purchase order. You decide whether to make the changes that are suggested.

The Decrease action message indicates that production orders, purchase orders, and other receipt transactions should be decreased to prevent excess inventory levels<sup>1</sup>. This action message is generated when there is less demand for a product than was previously planned. For example, if several sales orders are canceled, the master planning calculation will generate a Decrease action message for the corresponding planned production orders. To enable the Decrease action message, you must select it on the Coverage groups page for the coverage group or item that you want the message to apply to<sup>1</sup>. You can also specify a decrease margin, which is the minimum percentage difference between the current quantity and the suggested quantity that will trigger a Decrease action message<sup>1</sup>.

**QUESTION 28**

A company plans to use master planning in Dynamics 365 Supply Chain Management. The company will sell items between legal entities.

The company has several facilities across legal entities that can manufacture the same products. Some products are produced only in some plants. To meet product demand, when one facility is over capacity, another facility is used to fulfill the downstream demand.

The organizational entities are:

\* LegalEntityA: Plant 1, 2, and 3

\* LegalEntityB: Plant 4 and 5

\* LegalEntityC: Plant 6, 7, and 8

The following plants must be planned together:

\* Plant 1, Plant 3, and Plant 4

\* Plant 2, Plant 6, and Plant 8

\* Plant 5 and Plant 7

You need to configure master planning for the facilities.

Which configuration mechanism should you use?

- A. Production groups
- B. Item model groups
- C. Coverage groups
- D. Intercompany planning groups

**Correct Answer: D**

**Section:****Explanation:**

The configuration mechanism that you should use is Intercompany planning groups. Here is the explanation:

Intercompany planning groups are groups of companies that are planned together in master planning. Intercompany planning groups allow you to include planned downstream demand from other companies in your master plan, and also to peg across companies by using multilevel pegging<sup>1</sup>. You can use intercompany planning groups to plan for intercompany sales and purchases, and to optimize the production capacity across companies<sup>1</sup>.

In this scenario, you need to configure master planning for the facilities that must be planned together. To do this, you should create intercompany planning groups that include the relevant plants from different legal entities. For example, you can create an intercompany planning group that includes Plant 1, Plant 3, and Plant 4 from LegalEntityA and LegalEntityB. You can also specify the scheduling sequence for the companies in the intercompany planning group, which determines the order in which master planning is run for each company<sup>1</sup>.

The other options are not correct, because they do not involve intercompany planning. Production groups are groups of production orders that share the same parameters, such as ledger accounts and posting profiles<sup>2</sup>. Item model groups are groups of items that share the same inventory policies, such as reservation, tracking, and costing<sup>3</sup>. Coverage groups are groups of items that share the same coverage settings, such as coverage code, period, and time fence.

1: Intercompany planning 2: Production groups 3: Item model groups: [Coverage groups]

**QUESTION 29**

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. License plates
- B. Job card device
- C. Operations schedules
- D. Production waves

**Correct Answer: C**

**Section:**

**Explanation:**

**QUESTION 30**

DRAG DROP

A discrete manufacturer uses the time and attendance registration for production operations.

All employees register daily clock in and clock out times during a 40-hour, Monday through Friday workweek.

Pay periods are every two weeks. Workers are paid hourly.

The production manager will create work schedules with the following windows:

- \* Mandatory work hours
- \* Work hours during which employees can leave early without accruing absences
- \* Work hours during which employees can work extra time

If a junior production worker works over 90 hours in a pay period, the worker will receive time and a half over 80 hours. If a senior production worker works over 90 hours in a pay period, the worker will receive double time over 80 hours.

You need to configure the system for these requirements.

Where should you configure this functionality? To answer, drag the appropriate forms to the correct requirements. Each form may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.



**Select and Place:**

Forms	Answer Area						
Workers	<table border="1"> <thead> <tr> <th>Requirement</th> <th>Form</th> </tr> </thead> <tbody> <tr> <td>Configure the overtime calculations.</td> <td></td> </tr> <tr> <td>Configure the periods of time that a worker can choose whether to work.</td> <td></td> </tr> </tbody> </table>	Requirement	Form	Configure the overtime calculations.		Configure the periods of time that a worker can choose whether to work.	
Requirement		Form					
Configure the overtime calculations.							
Configure the periods of time that a worker can choose whether to work.							
Flex groups							
Worker groups							
Calendar working times							

**Correct Answer:**

Forms	Answer Area						
Workers	<table border="1"> <thead> <tr> <th>Requirement</th> <th>Form</th> </tr> </thead> <tbody> <tr> <td>Configure the overtime calculations.</td> <td>Workers</td> </tr> <tr> <td>Configure the periods of time that a worker can choose whether to work.</td> <td>Flex groups</td> </tr> </tbody> </table>	Requirement	Form	Configure the overtime calculations.	Workers	Configure the periods of time that a worker can choose whether to work.	Flex groups
Requirement		Form					
Configure the overtime calculations.		Workers					
Configure the periods of time that a worker can choose whether to work.		Flex groups					
Flex groups							
Worker groups							
Calendar working times							

**Section:**

**Explanation:**

**QUESTION 31**

You are the lead product design manager at a Process manufacturing plant.

A formula that produces egg yolks as a by-product. This by-product is added back into inventory at standard cost and can be used in other production batches.

You need to select the by-product cost allocation.

Which cost allocation type should you use?

- A. Per series
- B. Per quantity
- C. Percent
- D. Recycled

**Correct Answer: D**

**Section:**

**QUESTION 32**

HOTSPOT

A company that assembles packaging material uses Dynamics 365 Supply Chain Management.

The glue that is used in assembly has run out of stock and will not be back in stock as expected. Another adhesive must be substituted for the glue. This will affect orders in planning as well as production orders that have started.

You need to ensure that the substitute adhesive is used in production until the glue is back in stock.

Which configuration should you use for each requirement? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

**Hot Area:**  
Answer Area

Requirement	Configuration
Include the adhesive in planning.	Alternative item Alternative item Plan group and priority Validity dates on BOM lines
Update production orders with the adhesive.	Production picking list Where used Production picking list Validity dates on BOM lines

**Answer Area:**  
Answer Area

Requirement	Configuration
Include the adhesive in planning.	Alternative item Alternative item Plan group and priority Validity dates on BOM lines
Update production orders with the adhesive.	Production picking list Where used Production picking list Validity dates on BOM lines

**Section:**

**Explanation:**

**QUESTION 33**

DRAG DROP

A manufacturer uses route operations and job scheduling. You use a unique calendar for a conveyor line.

The company observes a decrease in the number of hours a conveyor line resource is operational due to breakdowns. You must make a temporary change to the number of hours the resource is available.

You need to adjust the efficiency percentage for the conveyor line calendar.

Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

**Select and Place:**

**Actions**

- Select working times.
- Update the runtime on the routes that use the resource.
- Select the calendar related to the resource.
- Create a new working time template.
- Change the efficiency percentage on the days that need the change.
- Apply the new template to the resource's calendar.

**Answer Area**



**Correct Answer:**

**Actions**

- Select working times.
- Update the runtime on the routes that use the resource.
- Select the calendar related to the resource.
- 
- 
- 

**Answer Area**

- Create a new working time template.
- Change the efficiency percentage on the days that need the change.
- Apply the new template to the resource's calendar.



**Section:**

**Explanation:**

**QUESTION 34**

A company configures master planning to order large and expensive aluminum sheets that are only available at certain times of the year.

The warehouse manager reports that replenishment levels are too high, causing inventory value to be over budget. In addition, the aluminum sheets take up too much space on the shop floor.

You need to configure the appropriate replenishment method.

Which coverage dimension should you use?

- A. Pet requirement
- B. Manual
- C. Min/Wax
- D. Pet period

**Correct Answer: A**

**Section:**

**QUESTION 35**


**DRAG DROP**

A skateboard manufacturer uses route operations to schedule resources and estimate units per hour. All products use the same sub assembly item and resource sanding process. You observe an Increase in the number of units a sanding belt resource can produce. The production schedule is now inaccurate due to the number of units the sanding belt line can produce. You must make a permanent change to the number of units the resource can produce for all future orders. You need to adjust the process quantity on the route operation. Which three actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

**Select and Place:**

**Actions**

- Apply the new template to the resource's calendar.
- Create a new working time template.
- Select the calendar related to the resource.
- In the engineering tab of the subassembly item, select **route**.
- Select times on the operation that use the resource.
- In the Process qty. field, update the quantity.




**Answer area**



**Correct Answer:**

**Actions**

- Apply the new template to the resource's calendar.
- Create a new working time template.
- Select the calendar related to the resource.
- 
- 
- 



**Answer area**

- In the engineering tab of the subassembly item, select **route**.
- Select times on the operation that use the resource.
- In the Process qty. field, update the quantity.



**Section:**

**Explanation:**

In the engineering tab of the subassembly item, select route.  
Select times on the operation that use the resource.  
In the Process field, update the quantity.

**QUESTION 36**

A manufacturing company uses time and attendance in Dynamics 365 Supply Chain Management. Break times are paid. The cost of a break time must be charged at the pay rate of the job in progress when the break starts. You need to configure the break times to charge against the job in progress. Which two actions should you perform? Each answer presents a partial solution. NOTE; Each correct selection is worth one point.

- A. Set Production Order Cost Category to Yes.
- B. Set Direct Payroll Cost Standard Time to Allocate.



- C. Set Production Order Cost Category to No.
- D. Set Direct Payroll Cost Standard Time to Yes.
- E. Set Direct Payroll Cost Standard Time to No.

**Correct Answer: A, D**

**Section:**

**QUESTION 37**

DRAG DROP

A pharmaceutical manufacturer uses Process manufacturing.

You are consolidating planned batch orders for a specific medication. The order must cover two weeks of demand. No other items need to be consolidated.

You need to change the coverage group of the items.

Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

**Select and Place:**

Actions

- ☰ Create a new item number for the medication.
- ☰ Change the general coverage group in the master planning parameters to the newly defined coverage group.
- ☰ Delete the old coverage group from the coverage group table.
- ☰ Edit the coverage period on the current coverage group on the medication.
- ☰ Create a new coverage group.
- ☰ Define the coverage period as the equivalent of two weeks in days.
- ☰ Apply the new coverage group to the medication.
- ☰ Rerun the plan.

Answer area



**Correct Answer:**

### Actions

- ⋮ Create a new item number for the medication.
- ⋮ Change the general coverage group in the master planning parameters to the newly defined coverage group.
- ⋮ Delete the old coverage group from the coverage group table.
- ⋮ Edit the coverage period on the current coverage group on the medication.

### Answer area

- ⋮ Create a new coverage group.
- ⋮ Define the coverage period as the equivalent of two weeks in days.
- ⋮ Apply the new coverage group to the medication.
- ⋮ Rerun the plan.

### Section:

### Explanation:

### QUESTION 38

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 manufacturing plant uses Lean processes. You plan to outsource a painting operation to a subcontracting vendor. You create a service item named SP 01 to represent the painting service.

You need to create a subcontracting activity for the painting service.

Solution:

- \* Create a vendor warehouse for the subcontracting vendor.
- \* Create a vendor resource and add it to a new work cell for outsource painting.
- \* Create a production flow transfer activity and specify the vendor warehouse as The target warehouse.

Does the solution meet the goal?

- A. Yes
- B. No

**Correct Answer: B**

**Section:**

**Explanation:**

The solution does not meet the goal. Here is the explanation:

To create a subcontracting activity for the painting service, you should use the following steps1:

Create a vendor warehouse for the subcontracting vendor.This step is correct, because you need to create a warehouse that is assigned to the vendor account and set it as vendor-managed1. This way, you can track the inventory that is located at the vendor's site.

Create a vendor resource and add it to a new work cell for outsource painting.This step is correct, because you need to create a resource that is assigned to the vendor account and add it to a resource group that represents the subcontracting work cell1. This way, you can assign the subcontracting activity to the vendor resource.



Create a production flow transfer activity and specify the vendor warehouse as the target warehouse. This step is incorrect, because you need to create a production flow process activity, not a transfer activity, for the subcontracting service<sup>1</sup>. A process activity represents an operation that transforms material into products or semi-finished goods<sup>2</sup>. A transfer activity represents a movement of material or products from one location to another<sup>2</sup>. You also need to specify the service item (SP 01) as the product of the process activity, and select the Generate license plate option on the mobile device menu item that is used for reporting as finished<sup>1</sup>.

### QUESTION 39

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 manufacturing plant uses Lean processes. You plan to outsource a painting operation to a subcontracting vendor. You create a service item named SP-01 to represent the painting service.

You need to create a subcontracting activity for the painting service.

Solution:

- \* Create a purchase agreement for the subcontracting vendor and add SP-01 as the painting service.
- \* Create a vendor resource then create a work cell for outsourced painting and add the resource to the work cell.
- \* Create a production flow process activity for the painting work cell and add the component to be painted as a picking activity.
- \* Create a server term to tie the purchase agreement to the activity.

Does the solution meet the goal?

A. Yes

B. No

**Correct Answer: A**

**Section:**

**Explanation:**

### QUESTION 40

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 manufacturing plant uses Lean processes. You plan to outsource a painting operation to a subcontracting vendor. You create a service item named SP-01 to represent the painting service.

You need to create a subcontracting activity for the painting service.

Solution:

- \* Create a purchase agreement for the subcontracting vendor that contains the pricing information for SP-01.
- \* Create a vendor resource and a work cell for outsourced painting, then add the resource to the work cell.
- \* Create a production flow process activity using the painting work cell and the service item as the picking activity.
- \* Create a service term on the activity to tie the purchase agreement to the activity.

Does the solution meet the goal?

A. Yes

B. No

**Correct Answer: A**

**Section:**

**Explanation:**

The solution meets the goal. Here is the explanation:

To create a subcontracting activity for the painting service, you should use the following steps<sup>1</sup>:

Create a purchase agreement for the subcontracting vendor that contains the pricing information for SP-01. This step is correct, because you need to create a purchase agreement that defines the terms and conditions for purchasing the subcontracting service from the vendor<sup>1</sup>. You also need to add a purchase agreement line for SP-01 and specify the quantity and price of the service.

Create a vendor resource and a work cell for outsourced painting, then add the resource to the work cell. This step is correct, because you need to create a resource that is assigned to the vendor account and add it to a resource group that represents the subcontracting work cell<sup>1</sup>. This way, you can assign the subcontracting activity to the vendor resource.

Create a production flow process activity using the painting work cell and the service item as the picking activity. This step is correct, because you need to create a process activity that represents the subcontracting service in the production flow<sup>1</sup>. You also need to specify the painting work cell as the resource group and SP-01 as the product of the process activity. You also need to select the Generate license plate option on the mobile device menu item that is used for reporting as finished<sup>1</sup>.

Create a service term on the activity to tie the purchase agreement to the activity. This step is correct, because you need to create a service term that links the purchase agreement line to the production flow process activity<sup>1</sup>. A service term defines how a service item is consumed in production and how it is invoiced by the vendor.

1: Activity-based subcontracting

#### QUESTION 41

Note: This question is part of a series of questions that present the same scenario. Each question in the series contains a unique solution. Determine whether the solution meets 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 manufacturing company has a new speaker that is available with standard and premium carbon fiber options.

For the premium option, speakers are made to order. Customers can choose from seven product attributes at different prices.

You need to create and configure the product and pricing for the new speaker.

Solution: Create a constraint-based product with configurations. Use a price model to calculate the different configurable option costs.

Does the solution meet the goal?

A. Yes

B. No

**Correct Answer: B**

**Section:**

**Explanation:**

#### QUESTION 42

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 ingredient A is the primary active ingredient in the lotion. Ingredient B is used as a compensating ingredient.

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

Solution: Create a dimension-based product master with variants and use the trade agreements to specify the different pricing.

Does the solution meet the goal?

A. Yes

B. No

**Correct Answer: B**

**Section:**

**Explanation:**

The solution does not meet the goal. Here is the explanation:

To ensure that the system is set up to support the process manufacturing of pain-relieving lotions, you should use the following steps<sup>1</sup>:

Create a product master for the lotion and release it to the relevant legal entities. On the Product dimension groups page, select Constraint-based configuration as the configuration technology, and select the configuration dimension. On the Released product details page, select Configurable on the Engineer tab.

Create a constraint-based product configuration model for the lotion and add it as a version to the product master. On the Constraint-based product configuration model details page, add attributes, constraints, subcomponents, BOM lines, and route operations to define the features and structure of the lotion. For example, you can add an attribute for ingredient A and specify its concentration as a value. You can also add constraints to limit the combinations of attribute values that are allowed.

Create a price model for the lotion and link it to the product configuration model. On the Price models page, add price components and specify how they are calculated based on attributes, subcomponents, BOM lines, or

route operations. For example, you can add a price component for ingredient A and specify different prices for different concentrations.

Configure products on sales orders, sales quotations, purchase orders, or production orders by using the Product configuration models page. You can select values for attributes and see how they affect the price of the lotion. You can also view the price details and see how each price component contributes to the total price.

The solution in the question is not correct, because it does not involve constraint-based product configuration or price models. Creating a dimension-based product master with variants and using trade agreements to specify different pricing would not allow you to handle different concentrations of ingredients or calculate prices based on attributes.

1:Product configuration overview:Create constraint-based configuration:Price models

#### QUESTION 43

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. Ingredient A 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: Create a dimension-based product with configurations. Use a price model to calculate the different configurable option costs.

Does the solution meet the goal?

A. Yes

B. No

**Correct Answer: B**

**Section:**

**Explanation:**

No, the solution does not meet the goal. A dimension-based product with configurations is used for discrete manufacturing, not process manufacturing. A price model is used to calculate the cost of different configurations of a product, not the cost of different concentrations of an ingredient. For process manufacturing, you need to use a formula-based product with batch attributes and potency management. A formula defines the materials, ingredients, and outcomes of a specific process. Batch attributes are used to capture the characteristics of a batch of products or ingredients. Potency management is used to adjust the quantity of an ingredient based on its concentration or strength<sup>1</sup>.

1:Configure formulas for process manufacturing in Dynamics 365 Supply Chain Management - Training | Microsoft Learn

#### QUESTION 44

A co uses the asset management module in Supply Cham Management. The company has four conveyer systems in the warehouse. A robotic crane moves pallets of products to its conveyer int. Each robotic crane and conveyer line is considered a multilevel asset.

A work order arrives for a conveyer system. A technician completing the work observes that the robotic crane needs a repair. The technician is not qualified to work on the robotic crane.

You need to ensure that the robotic is repaired.

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

NOTE: Each correct selection is worth one point.

A. Calculate capacity load with the level field set to 0.

B. Create a related work order.

C. Update the work order Lifecycle state.

D. Create a manual work order.

E. Calculate capacity load with the level field set to 1.

**Correct Answer: B, D**

**Section:**

#### QUESTION 45

**HOTSPOT**

A company uses Dynamics 365 Supply Chain Management.

The company wants to use the distributed hybrid topology model to alleviate performance issues at some of its distribution centers. The company has a manufacturing plant, PlantA, which resides at the same physical location as the company home office in FranlFurt Germany.

The company has the following distribution locations:

- \* Distribution1 covers Ireland.
- \* Distribute covers the United Kingdom.
- \* Distribution covers Belgium Germany, and the Netherlands
- \* Distribution5 covers the Shetland islands.

All distribution warehouses use Dynamic 365 Supply Chain Management to receive and distribute goods from PlantA.

Wherehouse personal use the warehouse app to perform their job function. Because of their proximity to each other, Distribution1, 2, and 3 are managed together and frequently transfer goods between each location.

Due to several connection issues with Dynamic 365 Supply Chain Management, the Shettland islands location struggles to perform tasks.

The company must maintain as little of its own IT infrastructure as possible, especially in remote areas, but still daily activities at all locations.

You need to recommend the appropriate topology configuration.

Which type of scaled should you use? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

**Hot Area:**

Answer Area

Location	Topology component
PlantA	Operational edge scale unit
	Enterprise cloud hub
	Tactical edge scale unit
	Operational cloud scale unit
Distribution2	Enterprise cloud hub
	Enterprise cloud hub
	Tactical edge scale unit
	Operational cloud scale unit
Distribution5	Operational cloud scale unit
	Tactical edge scale unit
	Operational edge scale unit
	Operational cloud scale unit

**Answer Area:**

Answer Area

Location	Topology component
PlantA	Operational edge scale unit
	Enterprise cloud hub
	Tactical edge scale unit
	Operational edge scale unit
Distribution2	Enterprise cloud hub
	Enterprise cloud hub
	Tactical edge scale unit
	Operational cloud scale unit
Distribution5	Operational cloud scale unit
	Tactical edge scale unit
	Operational edge scale unit
	Operational cloud scale unit

**Section:**

**Explanation:**

**QUESTION 46**

A company produces multiple products that require an installation kit that includes 50 components.

The company does not want to include these 50 components in every Bill of materials (BOM). You have a BOW kit that includes all SO components, but you do not want it to produce a separate production order. You need to set up the product BOM for the finished good. What should you do?

- A. Select Phantom on the engineering fast tab on the kit item.
- B. Change the coverage group on the kit item to Manual.
- C. Change the line type to Pegged supply
- D. Change the line type to Phantom

**Correct Answer: A**

**Section:**

**QUESTION 47**

**HOTSPOT**

A discrete manufacturer uses Dynamics 365 Supply Chain Management for time and attendance registrations on the shop floor. Production worker A and production worker 8 clock in at 7 AM. They clock out at different times. Their work schedules are shown in the following table.

Standard time	Break	Standard time	Flex-	Flex+
8 AM to 11:30 AM	11:30 AM to 12:30 PM	12:30 PM to 3 PM	3 PM to 4 PM	4 PM to 6 PM

You need to determine how the current configuration will book the time. What is logged in the system for each worker? To answer, select the appropriate options in the answer area. NOTE: Each correct selection is worth one point.

**Hot Area:**

Answer Area

**Scenario** | **Result**

Worker A clocks out at 2:30 PM. | An absence of 30 minutes is logged. (selected)  
 An absence is not logged.  
 An absence of 30 minutes is logged. (selected)  
 30 minutes is added to a flex account.  
 30 minutes is removed from a flex account.

Worker B clocks out at 3:30 PM. | 30 minutes is added to a flex account. (selected)  
 An absence of 30 minutes is logged.  
 30 minutes is added to a flex account. (selected)  
 30 minutes is removed from a flex account.  
 90 minutes of non-work time is added toward overtime.

**Answer Area:**

Answer Area

**Scenario** | **Result**

Worker A clocks out at 2:30 PM. | An absence of 30 minutes is logged. (selected)  
 An absence is not logged.  
 An absence of 30 minutes is logged. (selected)  
 30 minutes is added to a flex account.  
 30 minutes is removed from a flex account.

Worker B clocks out at 3:30 PM. | 30 minutes is added to a flex account. (selected)  
 An absence of 30 minutes is logged.  
 30 minutes is added to a flex account. (selected)  
 30 minutes is removed from a flex account.  
 90 minutes of non-work time is added toward overtime.

**Section:**

**Explanation:**

**QUESTION 48**

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

The production planner increases the lead time of an item. On the next master planning output the planner receives a cancel action message on existing purchase orders. The message includes a suggested earlier date for the planned purchase orders.

The demand for the item has not changed since the original purchase order was placed. Dynamic negative days is not used.

You need to resolve the issue.

What should you do?

- A. Increase positive days.
- B. Decrease positive flays.
- C. Decrease negative days to be less than the item lead time.
- D. Increase negative days to be greater than the item lead time.

**Correct Answer: B**

**Section:**

**QUESTION 49**

A company implements Dynamics 365 Supply Chain Management.

Due to increased demand and limited space in the work cell area tor product LOOM, you must subcontract overflow work to another company. You have the following requirements:

\* Locate a warehouse at the subcontractor building.

\* Support picking and shipping activity tracking.

\* Associate costs of transporting materials between the locations in the cost of the finished product.

You need to modify the production flow.

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

NOTE Each correct selection is worth one point.

- A. Create transfer activities and assign them to the subcontractor.
- B. Create a new production flow version.
- C. Modify the overflow work operation and associate it with the subcontractor.
- D. Create a resource and work cell resource group for the subcontractor.
- E. Modify the overflow work activity and assign it to the subcontractor.

**Correct Answer: A, D, E**

**Section:**

**QUESTION 50**

A company produces rubber hose. Discrete orders accounts for raw material scrap. The scrap is reported through inventory movement journals.

The company has noticed that most of the scrap that is recorded is due to start up that feeds the hose to the finishing process. In addition, the amount of scrap that is recorded is consistent regardless of the amount of hose being produced.

You need to account for material lost during startup.

What should you do?

- A. Enter the amount of scrap that is consumed as constant scrap in the Bill of materials
- B. Do a case study for the scrap items and enter The average amount of scrap as a separate line items on the Sill of materials.
- C. Enter the consumption amount on the line to match the actual amount used.
- D. Enter the amount of scrap that is consumed as variable scrap in the Bill of materials.

**Correct Answer: A**





**Section:**

**QUESTION 51**

A manufacturer uses Dynamics 365 Supply Chain Management.

The engineering department constantly revises product designs to stay current with the latest technology. The customer service department places orders for the products but frequently adds a prototype product version that is not yet operational.

The manufacturer requires a solution that notifies customer service if a prototype version is selected on a sales order.

You need to configure the solution.

What should you configure?

- A. engineering product category
- B. version number rule
- C. product lifecycle stages
- D. product release policy

**Correct Answer: C**

**Section:**

**QUESTION 52**

DRAG DROP

A company uses separate finished good item numbers for size variations of the same product.

The company wants to minimize the number of variously-sized items that are created.

You need to perform the setup to allow variants in size to the product master.

Which five actions should you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

**Select and Place:**

**Actions**

Assign sizes to the individual items.

Assign a tracking dimension group for size to the item.

Create a product master.

Create sizes under the dimension and variant groups setup menu.

Create a product dimension group for size under the dimension and variant groups setup menu.

Add product dimensions to the product master.

Generate product variants.

**Answer Area**

**Correct Answer:**

**Actions**

- Assign sizes to the individual items.
- Assign a tracking dimension group for size to the item.

**Answer Area**

- Create a product master.
- Create sizes under the dimension and variant groups setup menu.
- Create a product dimension group for size under the dimension and variant groups setup menu.
- Add product dimensions to the product master.
- Generate product variants.

**Section:**

**Explanation:**

**QUESTION 53**

DRAG DROP

A company makes lubricants and greases used in the automotive industry. The company plans to implement Dynamics 365 Supply Chain Management.

The system must meet the following requirements:

- \* Schedule the batch production of products.
- \* Plan for inventory fluctuations of ingredients that are used across different products.
- \* Schedule delivery of amounts of proprietary compounds used during production from vendors to keep production runs on schedule and eliminating excess stock on hand or delayed production.

You need to perform the initial setup of the company's Dynamics 365 environment.

At which level should you set up the items? To answer, drag the appropriate setup levels to the correct setup options. Each setup level may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

**Select and Place:**

**Setup levels**

- Inventory level
- Item level

**Answer Area**

Setup option	Setup level
Warehouse location	
Catch weight	
Batch number group	
Safety datasheet	

**Correct Answer:**

**Setup levels**

- Inventory level
- Item level

**Answer Area**

Setup option	Setup level
Warehouse location	Inventory level
Catch weight	Item level
Batch number group	Item level
Safety datasheet	Item level

**Section:**  
**Explanation:**

**QUESTION 54**  
HOTSPOT

A company uses Dynamics 365 Supply Chain Management. Technicians travel to several facilities to complete routine maintenance on equipment.

The company recently invested in new equipment. The technicians have no experience maintaining the new equipment. The technicians must be able to perform the following activities:

- \* Use apps on their mobile device to complete the maintenance.
- \* Find links to any visual step-by-step instructions related to the new equipment.

You need to configure features to assist the technicians.

Which features must you configure? To answer, select the appropriate options in the answer area.

**Hot Area:**

Answer Area

Requirement	Feature
Use on a mobile device to complete maintenance.	<ul style="list-style-type: none"> <li>Asset management mobile workspace</li> <li>Asset management mobile workspace</li> <li>Dynamics 365 Remote Assist</li> <li>Warehouse management mobile app</li> </ul>
Link visual step-by-step instructions.	<ul style="list-style-type: none"> <li>Functional location</li> <li>Maintenance checklist</li> <li>Service order</li> <li>Functional location</li> <li>Maintenance plan</li> </ul>

**Answer Area:**

Answer Area

Requirement	Feature
Use on a mobile device to complete maintenance.	<ul style="list-style-type: none"> <li>Asset management mobile workspace</li> <li>Asset management mobile workspace</li> <li>Dynamics 365 Remote Assist</li> <li>Warehouse management mobile app</li> </ul>
Link visual step-by-step instructions.	<ul style="list-style-type: none"> <li>Functional location</li> <li>Maintenance checklist</li> <li>Service order</li> <li>Functional location</li> <li>Maintenance plan</li> </ul>

**Section:**

**Explanation:**

**QUESTION 55**

**HOTSPOT**

A company produces homeopathic lotions (or pain relief) and uses Dynamics 365 Supply Chain Management. Several components used in the production of the pain-relieving lotion and oils have special government-mandated reporting requirements. You need to ensure the company can provide the appropriate reporting and tracking for these components. Which parameters should you use? To answer, select the appropriate options in the answer area.  
NOTE: Each correct selection is worth one point.

**Hot Area:**  
Answer Area

Scenario	Setup parameters
An ingredient can be shipped throughout the United States for medicinal uses but cannot be shipped to the state of Texas.	<ul style="list-style-type: none"><li>Create an inclusive restricted list for the United States and an exclusive restricted list for Texas.</li><li><b>Create an inclusive restricted list for the United States and an exclusive restricted list for Texas.</b></li><li>Create an exclusive regulated list for Texas and an inclusive restricted list for the United States.</li><li>Create a regulated regional list for Texas.</li></ul>
The first shipment with current product safety data sheet (PSDS) of the ingredient must contain a PSDS. The PSDS is valid for one year and must be reviewed every six months.	<ul style="list-style-type: none"><li>Set the PSDS validity in days value to 365 and the expiry advice in days value to 180.</li><li>Set the PSDS validity in days value to 180 and the expiry advice in days value to 180.</li><li><b>Set the PSDS validity in days value to 365 and the expiry advice in days value to 180.</b></li><li>Set the PSDS validity in days value to 180 and the expiry advice in days value to 365.</li></ul>

**Answer Area:**  
Answer Area

Scenario	Setup parameters
An ingredient can be shipped throughout the United States for medicinal uses but cannot be shipped to the state of Texas.	<ul style="list-style-type: none"><li>Create an inclusive restricted list for the United States and an exclusive restricted list for Texas.</li><li><b>Create an inclusive restricted list for the United States and an exclusive restricted list for Texas.</b></li><li>Create an exclusive regulated list for Texas and an inclusive restricted list for the United States.</li><li>Create a regulated regional list for Texas.</li></ul>
The first shipment with current product safety data sheet (PSDS) of the ingredient must contain a PSDS. The PSDS is valid for one year and must be reviewed every six months.	<ul style="list-style-type: none"><li>Set the PSDS validity in days value to 365 and the expiry advice in days value to 180.</li><li>Set the PSDS validity in days value to 180 and the expiry advice in days value to 180.</li><li><b>Set the PSDS validity in days value to 365 and the expiry advice in days value to 180.</b></li><li>Set the PSDS validity in days value to 180 and the expiry advice in days value to 365.</li></ul>

**Section:**  
**Explanation:**

**QUESTION 56**

**HOTSPOT**

A customer produces light projection toys for holiday decorations throughout the year. You must implement Bills of material (BOMs) for the product lifecycle. The solution must meet the following requirements:

Phase	Requirement
1	Provide a rough estimation of required materials based on a new design.
2	Provide an estimation of required materials based on an existing design.
3	Provide an estimation of required materials, prior to production, based on demand for finished products.
4	Provide a consolidated list of materials used during the manufacturing process.
5	Provide a consolidated list of prices of materials used for production to plan for future price variances.

You need to create a BOM for each phase. Which BOM types should you use? To answer, select the appropriate configuration options in the answer area  
NOTE: Each correct selection is worth one point.

**Hot Area:**

Answer Area

Phase	BOM type
1	<ul style="list-style-type: none"><li>draft</li><li>draft</li><li>engineering</li><li>production</li><li>costing</li></ul>
2	<ul style="list-style-type: none"><li>engineering</li><li>draft</li><li>engineering</li><li>production</li><li>costing</li></ul>
3	<ul style="list-style-type: none"><li>planning</li><li>planning</li><li>production</li><li>costing</li></ul>
4	<ul style="list-style-type: none"><li>production</li><li>draft</li><li>engineering</li><li>planning</li><li>production</li></ul>
5	<ul style="list-style-type: none"><li>costing</li><li>engineering</li><li>production</li><li>costing</li></ul>

Answer Area:

Answer Area

Phase	BOM type
1	<input type="text" value="draft"/> draft engineering production costing
2	<input type="text" value="engineering"/> draft engineering production costing
3	<input type="text" value="planning"/> planning production costing
4	<input type="text" value="production"/> draft engineering planning production costing
5	<input type="text" value="costing"/> engineering production costing

Section:

Explanation:

QUESTION 57

DRAG DROP

A beverage manufacturing company is implementing Dynamics 365 Supply Chain Management.

The company will use the batch balancing functionality to create the beverages.

IngredientA must be configured for a target value of 40 with a minimum of 35 and a maximum of 45. IngredientB must be configured to account for target value variances.

You need to configure the ingredient-based calculations

Which ingredient type should you configure for each requirement? To answer, drag the appropriate ingredient types to the correct requirements. Each ingredient type may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

Select and Place:

**Ingredient types**
 None  
 Active  
 Compensating  
 Filler
**Answer Area****Requirement**

IngredientA: target value of 40 with a minimum of 35 and a maximum of 45  
 IngredientB: account for target value variances

**Ingredient type**
  

**Correct Answer:****Ingredient types**
 None  
 Active  
 Compensating  
 Filler
**Answer Area****Requirement**

IngredientA: target value of 40 with a minimum of 35 and a maximum of 45  
 IngredientB: account for target value variances

**Ingredient type**
 Active  
 Compensating
**Section:****Explanation:****QUESTION 58**

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

**Correct Answer: C****Section:****QUESTION 59**

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 error.

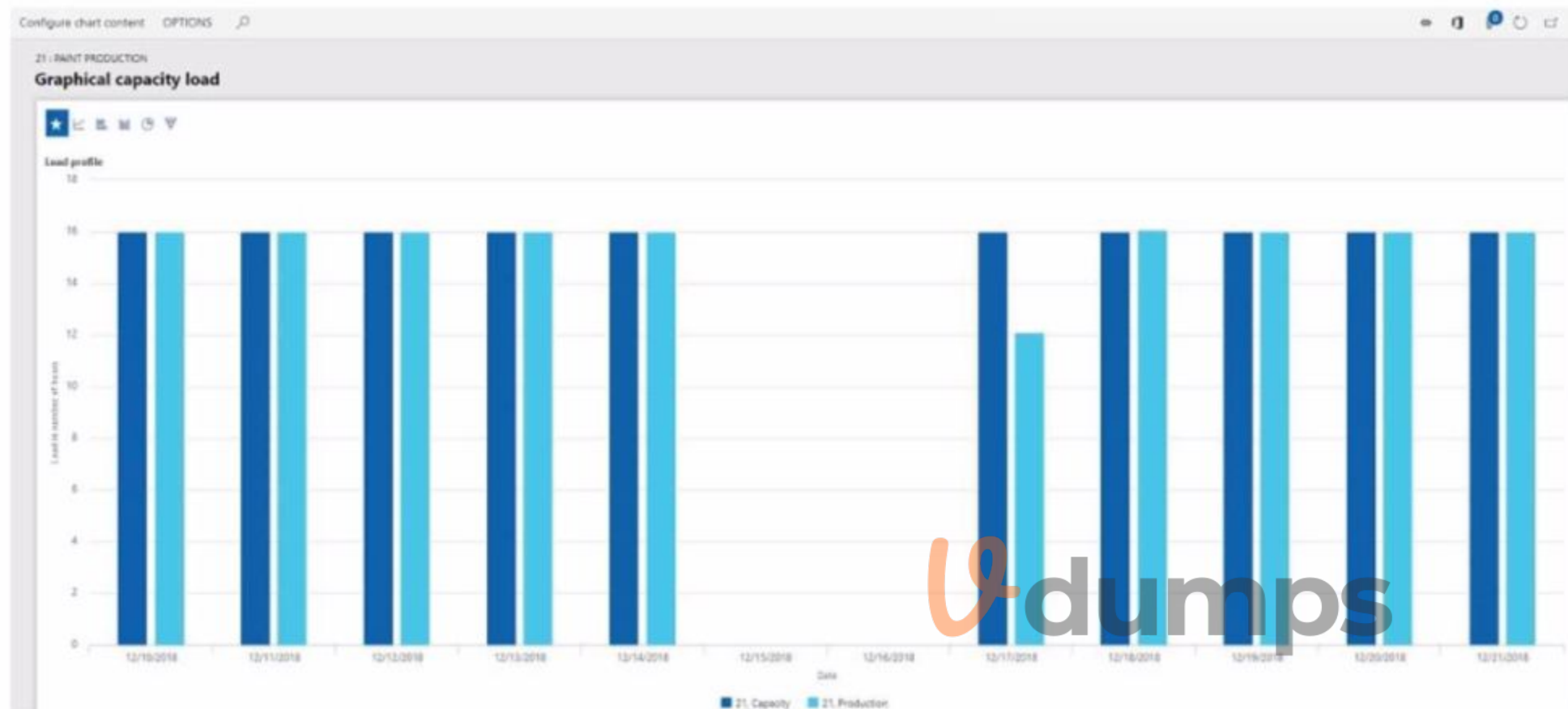
Correct Answer: C

Section:

### QUESTION 60

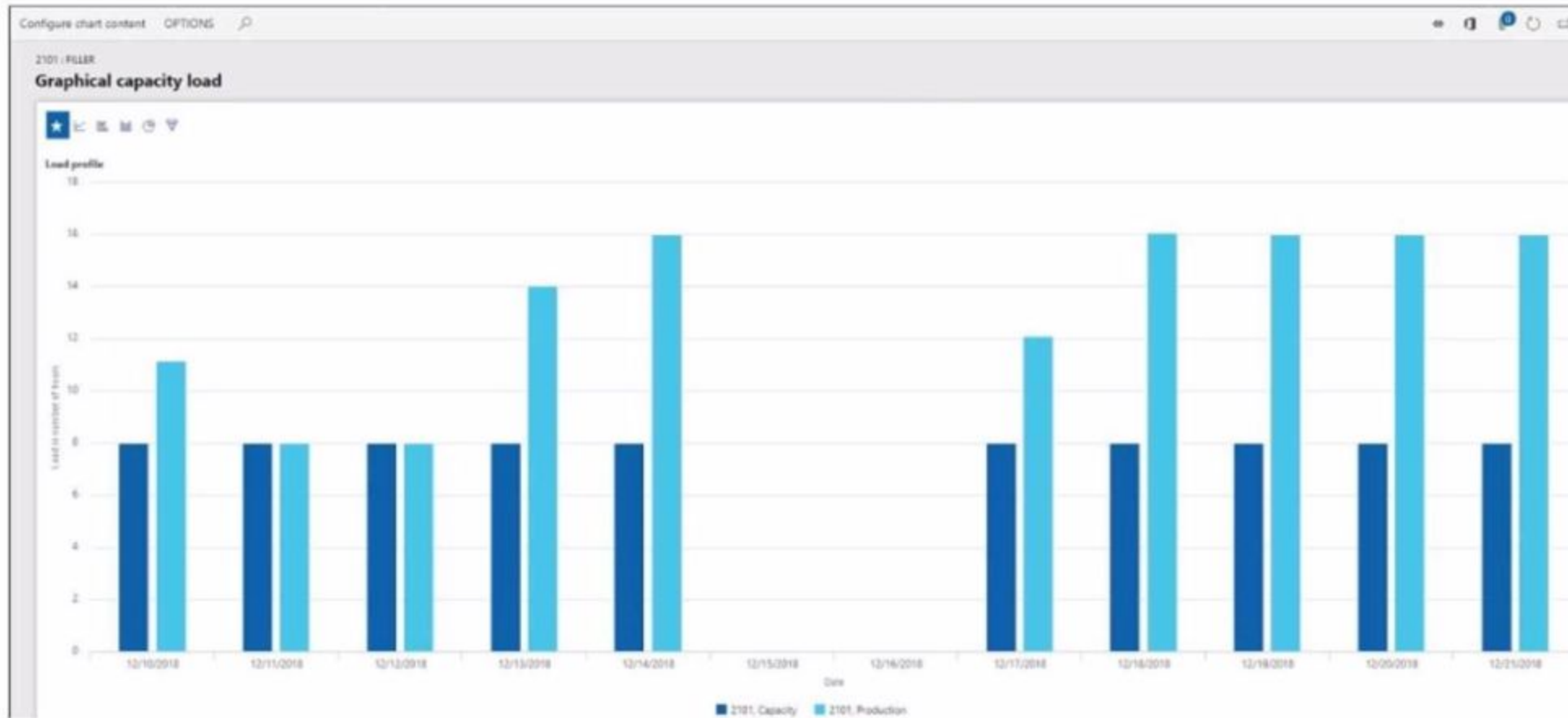
HOTSPOT

You are the production scheduler for a manufacturing company. You have run the Resource Group Capacity report as shown in the Resource Group 21 Capacity exhibit. (Click the Resource Group 21 Capacity tab).

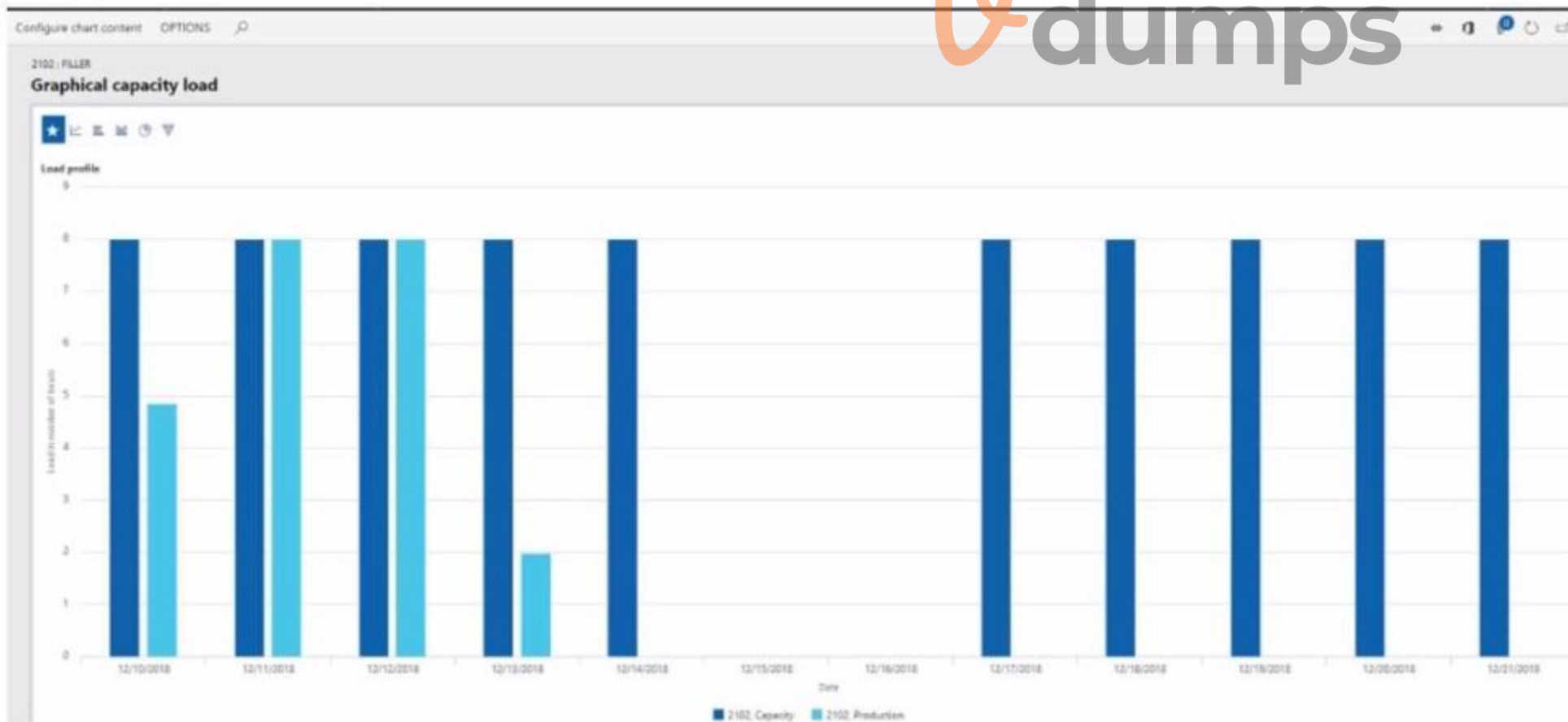


After reviewing that report, you run Resource Capacity reports as shown in the Resource 2101 and 2102 Capacity exhibits. (Click the 2101 Capacity and 2102 Capacity tabs.)

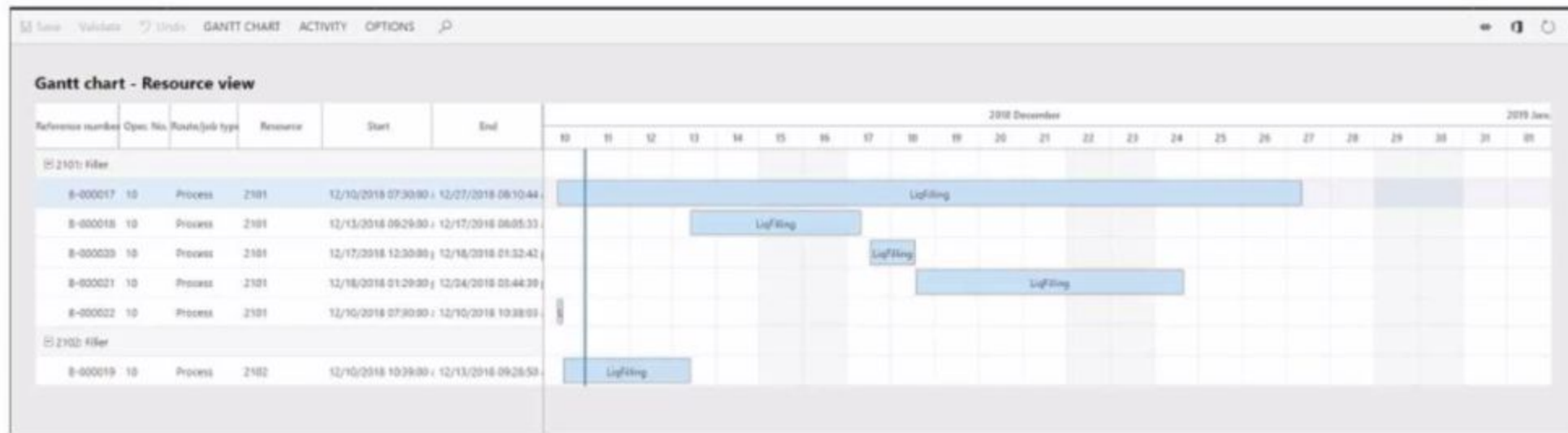




You run the Gantt chart report as shown in the Gantt exhibit to determine the production orders scheduled on the resources. (Click the Gantt tab.)



You need to determine the method to schedule the production lines.



For each of the following statements, select Yes if the statement is true. Otherwise, select No.  
NOTE: Each correct selection is worth one point.

**Hot Area:**

Answer Area

Questions	Yes	No
Are either of the resources overbooked during the time period?	<input type="radio"/>	<input type="radio"/>
Is there a solution where neither resource is overbooked?	<input type="radio"/>	<input type="radio"/>
Does changing the resource for B-000018 to 2102 resolve the overbooking?	<input type="radio"/>	<input type="radio"/>

**Answer Area:**

Answer Area

Questions	Yes	No
Are either of the resources overbooked during the time period?	<input type="radio"/>	<input checked="" type="radio"/>
Is there a solution where neither resource is overbooked?	<input checked="" type="radio"/>	<input type="radio"/>
Does changing the resource for B-000018 to 2102 resolve the overbooking?	<input checked="" type="radio"/>	<input type="radio"/>

**Section:**

**Explanation:**

**QUESTION 61**

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

**Correct Answer: B**

**Section:**

**QUESTION 62**

HOTSPOT

A company implements Dynamics 365 Supply Cham Management.

You need to ensure that cost roll-ups and sales price calculations are configured for the scenario. Which options should you use? To answer select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

**Hot Area:**

Answer Area

**Answer Area:**

Answer Area

**Section:**

**Explanation:**

**QUESTION 63**

DRAG DROP

A company is implementing Dynamics 365 Supply Chain Management The company is a subcontractor that produces subassemblies for two major customers. CustomerA and Customers

The company prioritizes CustomerA production orders to start on Mondays. The production orders may take several days to complete. Customers' orders are produced throughout the week, after CustomerA orders are completed. Work in process (W1P) must be calculated and consolidated for CustomerA and CustomerB respectively on the financial reports.

You need to configure the production requirements.

What should you configure? To answer, drag the appropriate configurations to the correct requirements. Each configuration may be used once, more than once, or not at all. You may need to drag the split bar between panes or scroll to view content.

NOTE: Each correct selection is worth one point.

**Select and Place:**

Configurations		Answer Area	Requirement	Configuration
Route group	Production unit			
Production pool	Production group			

**Correct Answer:**

Configurations		Answer Area	Requirement	Configuration
Route group	Production unit			

**Section:**

**Explanation:**

**QUESTION 64**

You maintain responsible resource calendars and production orders for a manufacturing company. All production resources use the same production calendar. A machine in the facility is defective and must be closed for repairs for the next two days. You need to configure the resource calendar to close the resource for production for the next two days. What should you do?

- A. Navigate to the resource. Change the calendar to closed on the resource.
- B. Navigate to the calendar used for production and close the next two days.
- C. Navigate to the resource. Configure a calendar deviation to set the calendar to closed for the next two days.
- D. Navigate to the resource group. Change the calendar to closed on the resource group.

**Correct Answer: C**

**Section:**

**QUESTION 65**

**DRAG DROP**

A manufacturing company uses Dynamics 365 Supply Chain Management. The company operates three eight-hour shifts per day, Monday through Friday. The company purchased equipment for a new process that cannot be performed with existing equipment. This specialized equipment performs only this unique task. The machinery must always be monitored and controlled by a worker. The machine must be added to the existing production line and be ready as soon as possible. Future planned production orders must not overload the running maximums of the new machine. You need to configure the system. Which four actions must you perform in sequence? To answer, move the appropriate actions from the list of actions to the answer area and arrange them in the correct order.

**Select and Place:**

- Actions**
- Assign the machine resource to the route operation and approve the route version.
  - Add the machine as a resource and set the Exclusive checkbox to **Yes**.
  - Add the machine as a resource and set the Finite capacity checkbox to **Yes**.
  - Create a capability for the machining functions and assign it to the machine.
  - Create a working time template.
  - Assign a working time calendar to the resource.

**Answer area**



**Correct Answer:**

- Actions**
- Assign the machine resource to the route operation and approve the route version.
  - Add the machine as a resource and set the Exclusive checkbox to **Yes**.

**Answer area**

- Add the machine as a resource and set the Finite capacity checkbox to **Yes**.
- Create a capability for the machining functions and assign it to the machine.
- Create a working time template.
- Assign a working time calendar to the resource.



**Section:**

**Explanation:**

Add the machine as a resource and set the Finite capacity checkbox to Yes.  
 Create a capability for the machining functions and assign it to the machine.  
 Create a working time template.  
 Assign a working time calendar to the resource.



**QUESTION 66**

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

**Correct Answer: B**

**Section:**

**QUESTION 67**

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: Set up the IngredientB formula line as a phantom BOM.  
Does the solution meet the goal?

- A. Yes
- B. No

**Correct Answer: B**  
**Section:**

#### QUESTION 68

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

**Correct Answer: A**  
**Section:**



#### QUESTION 69

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: Create a formula version for each concentration level.  
Does the solution meet the goal?

- A. Yes
- B. No

**Correct Answer: A**  
**Section:**

#### QUESTION 70

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 client subcontracts production work to a vendor for production operations.

You need to model subcontracting of route operations in production orders.

Solution: Ensure that subcontracting of route operations supports back-flush costing.

Does the solution meet the goal?

A. Yes

B. No

**Correct Answer: B**

**Section:**

#### **QUESTION 71**

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 client subcontracts production work to a vendor for production operations.

You need to model subcontracting of route operations in production orders.

Solution: Ensure that the material routing process is independent of the services procurement process.

Does the solution meet the goal?

A. Yes

B. No

**Correct Answer: B**

**Section:**

