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Exam : **MB-320**

Title : Microsoft Dynamics 365
Supply Chain Management,
Manufacturing

Vendor : Microsoft

Version : DEMO

NO.1 A company uses Lean manufacturing concepts to produce paper plates redesigned the layout of the warehouse and production floor.

The company's production flow activities no longer match the tasks of the workers Employees use paper and manual communication to complete the tasks.

You need to update the production flows to match their current processes by deactivating the obsolete production flows and creating new ones.

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.

Actions	Answer Area
Create a new production flow version.	
Activate production flow version.	
Create Kanban rules.	
Deactivate production flow version.	
Define product quantities and Kanban quantities.	
Close all active Kanbans.	
Configure events.	
Create and relate activities for a production flow version.	

Answer:

Answer Area

Deactivate production flow version
Create a new production flow version
Create and relate activities for a production flow version
Create Kanban rules
Activate production flow version

- 1 - Deactivate production flow version
- 2 - Create a new production flow version
- 3 - Create and relate activities for a production flow version
- 4 - Create Kanban rules
- 5 - Activate production flow version

NO.2 A company that uses Dynamics 365 Supply Chain Management is evaluating whether to implement the Transportation management (TMS) or Landed cost modules to track shipping costs. The company transfers materials between warehouses in both the US and China.

The company uses the following shipping processes:

- * Company-owned trucks to deliver to customers within a 30-mile radius for small deliveries.
- * Third-party cartage services to transfer inventory between the various company warehouse

locations outside of North America.

* Containers to optimize importing and cost efficiencies of raw materials from suppliers in China. You need to recommend a module for each shipping process.

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

NOTE: Each correct selection is worth one point.

Shipping process	Module
Customer delivery within a 30-mile radius	Transportation management (TMS) Landed cost Transportation management (TMS) Landed cost and Transportation management (TMS)
Warehouse transfers outside of North America	Transportation management (TMS) Landed cost Transportation management (TMS) Landed cost and Transportation management (TMS)
Container shipments	Transportation management (TMS) Landed cost Transportation management (TMS) Landed cost and Transportation management (TMS)

Answer:

Shipping process	Module
Customer delivery within a 30-mile radius	Transportation management (TMS) Landed cost Transportation management (TMS) Landed cost and Transportation management (TMS)
Warehouse transfers outside of North America	Transportation management (TMS) Landed cost Transportation management (TMS) Landed cost and Transportation management (TMS)
Container shipments	Transportation management (TMS) Landed cost Transportation management (TMS) Landed cost and Transportation management (TMS)

NO.3 A Discrete manufacturing company produces speakers. The high-end speaker model uses protective rubber strips on the edges.

Approximately five inches of rubber is consistently scrapped in the production process, regardless of production quantity. Workers manually consume the extra material on the picking list or scrap it in an inventory journal.

You need configure the system to automatically account for this scrap on the Bill of materials (BOM). What should you do?

- A. Increase the required quantity of the rubber component by five on the BOM.
- B. Add an additional BOM line for five inches and set consumption to Variable.
- C. Set a Variable scrap of five percent for the rubber BOM line.

D. Set a Constant scrap of five on the BOM line for rubber.

Answer: D

Reference:

<https://docs.microsoft.com/en-us/dynamicsax-2012/appuser-itpro/about-information-used-in-bom-calculations-with-standard-costs>

NO.4 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

Answer: A

Reference:

<https://docs.microsoft.com/en-us/dynamics365/unified-operations/supply-chain/production-control/activity-based-subcontracting>

NO.5 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 uses Dynamics 365 Supply Chain Management to manage production configuration. A product designer creates a remote control toy that can be purchased with different tire sizes. Sales representatives need to perform product configuration for the custom tire variants when they create a new order.

Solution: Select the custom tire size when filling out each sales quotation line.

Does the solution meet the goal?

A. Yes

B. No

Answer: B

NO.6 A company produces generic and name-brand paper plates in the same factory using standard costing and using the same Bill of materials and routes to produce both products. The finance and production teams want a way to view individual raw material consumption costs in the ledger. You need to add a production group to the finished good to control postings to the ledger. What should you do?

- A. Create a production group for the finished good item.
- B. Create a new Bill of materials with alternate costs for the raw material.
- C. Update the cost of the generic finished good item.
- D. Create a production pool for the finished good item.

Answer: A

NO.7 A company manufactures high-end speakers. Customers may choose different color finishes and front grills. You build a product configuration model to represent this speaker. You add the following attributes for the finish and grill. You need to create a constraint that defines the allowable finish and grill combinations. Which four actions should you perform in sequence? To answer, move the appropriate actions from the list of actions and arrange them in the correct order.

Actions	Answer Area
Add the selected combinations and validate.	
Define four expressions for the allowable finish and grill combinations.	
Attach the table constraint columns to the attributes.	
Create a user-defined table constraint.	
Add the attribute types for Finish and Grill.	
Create an expression constraint.	

Answer:

Actions	Answer Area
Add the selected combinations and validate.	Create a user-defined table constraint.
Define four expressions for the allowable finish and grill combinations.	Add the attribute types for Finish and Grill.
Attach the table constraint columns to the attributes.	Attach the table constraint columns to the attributes.
Create a user-defined table constraint.	Add the selected combinations and validate.
Add the attribute types for Finish and Grill.	
Create an expression constraint.	

NO.8 You are the quality assurance manager of a pharmaceuticals company. One of your customers has requested to only receive batches of item B0001 that have an acid concentration between 5.5% -10.5%. You need to set up the customer specific batch attribute to track percent acid for B0001. 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.

Actions	Answer Area
Create a batch attribute, acid, of type fraction.	
Add the customer-specific batch attribute on item B0001 for the customer and configure the range to 5.5 to 10.5.	
Create a batch attribute of type string.	
Define the allowable acid percentage-based attribute enumeration values.	
Define acid as a product-specific batch attribute on item B0001.	

Answer:

Answer Area

Create a batch attribute, acid, of type fraction
Define acid as a product-specific batch attribute on itm B0001
Add the customer-specific batch attribute on item B0001 for the customer and configure the range to 5.5 to 10.5

- 1 - Create a batch attribute, acid, of type fraction
- 2 - Define acid as a product-specific batch attribute on itm B0001

3 - Add the customer-specific batch attribute on item B0001 for the customer and configure the range to 5.5 to 10.5 Reference:

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

NO.9 A paint manufacturer is using Process manufacturing. The manufacturer has a quality error. Batches of paint that use the wrong formula have been marked for rework.

The production planner reports they cannot schedule the batch order even though the order has been estimated.

You need to add reservations to the items to be used for the rework order.

What should you do?

- A. Reset the batch order and delete the formula items. Re-enter the formula items
- B. Add co-products that need to be used and then re-estimate
- C. Reserve the inventory in the formula
- D. Add by-products that need to be used and then re-estimate

Answer: C

NO.10 You are the lead product design manager at a Process manufacturing plant.

You are building 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. Percent
- B. Recycled
- C. Per series
- D. Per quantity

Answer: D

NO.11 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. Select Block editing and approve the formula.
- B. Require an electronic signature when the formula is approved.
- C. Select the Block editing option only.
- D. Select the Block removal of approval option for the formula

Answer: A,D

D18912E1457D5D1DDCBD40AB3BF70D5D

Reference:

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

NO.12 You are a functional consultant for Contoso Entertainment System USA (USMF).

You need to configure the system to ensure that a production release to a warehouse only occurs when the complete list of required components for a product is physically available.

To complete this task, sign in to Dynamics 365 portal.

Answer:

See explanation below

Explanation:

Navigate to Production control > Setup > Production parameters.

Configure the Reservation field to Require full reservation.

Reference:

<https://docs.microsoft.com/en-us/dynamicsax-2012/appuser-itpro/set-up-production-processes-in-a-warehouse>

NO.13 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 for Finance and Operations for their Lean manufacturing environment.

There has been an engineering change to a fixed quantity product that is in production. This change will add an additional processing step as the second step. The existing version must be phased out and replaced by the new version.

You need to ensure that the engineering change takes affect at the end of the month.

Solution:

- * Edit the existing production flow and set the expiration date to the end of the month.
- * Using the existing production flow, create a production flow and version. Set the expiration date to the end of the month. Create an activity for the new process step and add it in the proper sequence.
- * Create a Kanban rule that uses the last day of the month as the effective date.
- * Edit the existing Kanban rule. Set the expiration date to the end of the month. Set the new Kanban rule as the replacement Kanban rule.
- * Activate the new production flow.

Does the solution meet the goal?

A. Yes

B. No

Answer: A

NO.14 You need to configure system attributes.

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

NOTE: Each correct selection is worth one point.

Attribute	Attribute Type
Trim	Text Integer Boolean Reference
Storage Package	Decimal Integer Boolean Reference
Engine	Decimal Integer Boolean Reference

Answer:

Attribute	Attribute Type
Trim	Text Integer Boolean Reference
Storage Package	Decimal Integer Boolean Reference
Engine	Decimal Integer Boolean Reference

NO.15 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 service term to tie the purchase agreement to the activity.

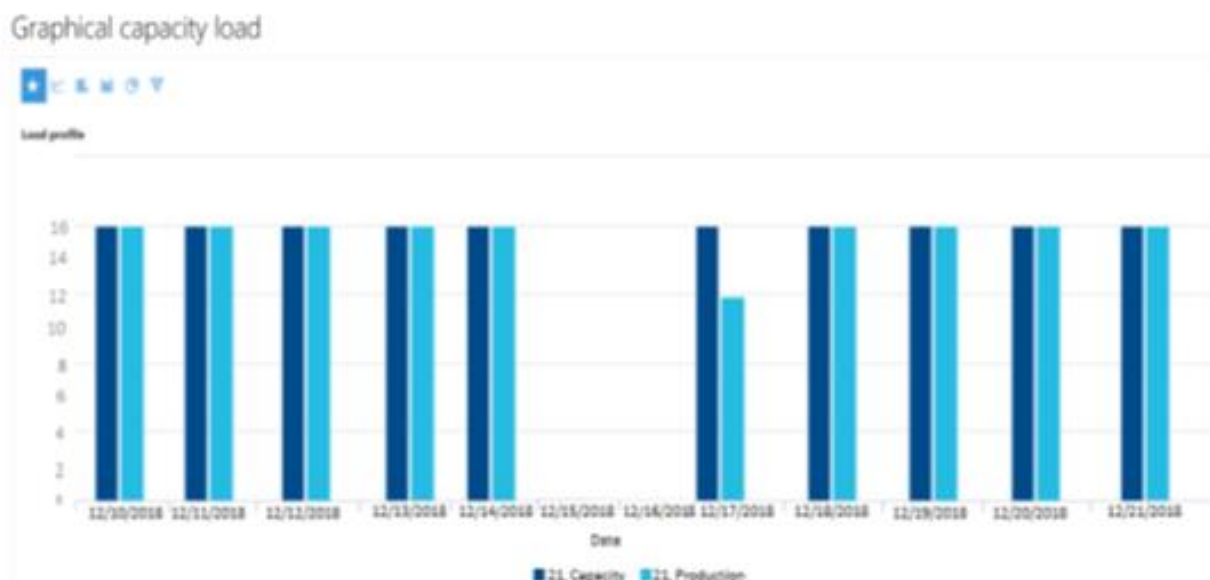
Does the solution meet the goal?

A. Yes

B. No

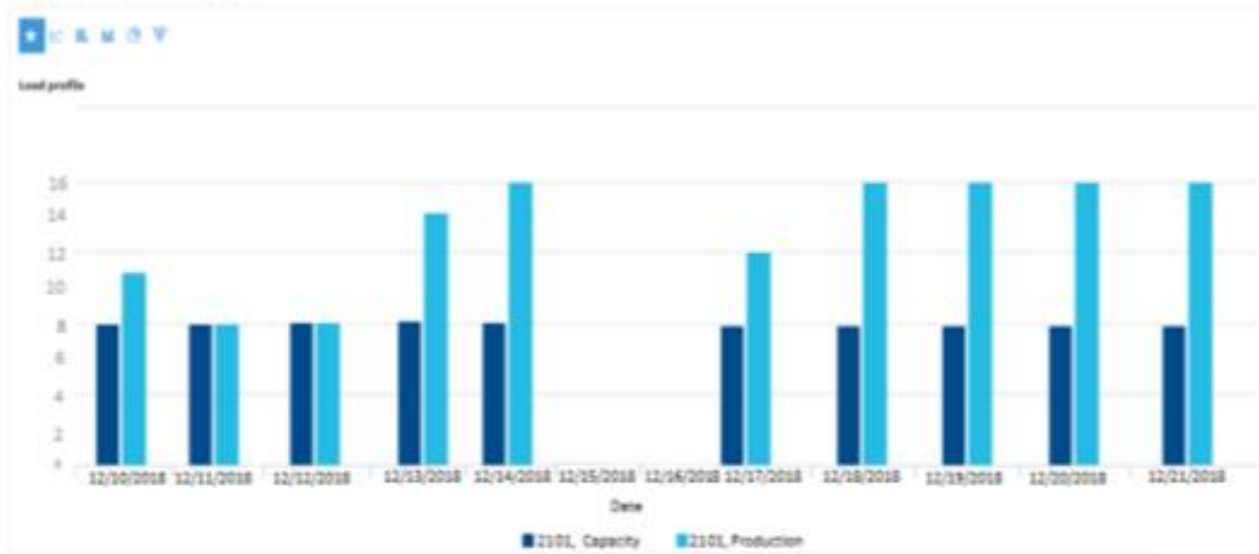
Answer: B

NO.16 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.)

Graphical capacity load



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.)

Reference number	Oper. No.	Route/job type	Resource	Start	End	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28
2101: Filter																								
B-00017	18	Process	2101	12/10/2018 07:00:00	12/23/2018 09:10:44																			
B-00017	18	Process	2181	12/13/2018 09:29:00	12/17/2018 08:05:18																			
B-00020	10	Process	2181	12/17/2018 12:30:00	12/18/2018 01:32:42																			
B-00021	10	Process	2181	12/18/2018 00:29:00	12/24/2018 03:44:39																			
B-00022	10	Process	2181	12/20/2018 07:30:00	12/10/2018 30:38:03																			
2102: Filter																								
B-00019	18	Process	2102	12/10/2018 30:39:00	12/13/2018 09:28:50																			

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.

Questions

Are either of the resources overbooked during the time period?

Yes

No

Is there a solution where neither resource is overbooked?

Does changing the resource for B-000018 to 2102 solve any issue?

Answer:

Questions

Are either of the resources overbooked during the time period?

Yes

No

Is there a solution where neither resource is overbooked?

Does changing the resource for B-000018 to 2102 solve any issue?

NO.17 You need to configure the requirements for metal fabrication equipment maintenance. What must you configure? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Answer Area

Requirement

Maintenance technician assignment.

Ensure maintenance for warranty schedule.

Configuration

- Assign a functional location to a worker.
- Assign a functional location to a worker.
- Create a site financial dimension.
- Set limit to responsible to no.
- Set limit to responsible to yes.

- Time
- Time
- Counter
- Capacity load

Answer:

Answer Area

Requirement

Maintenance technician assignment.

Ensure maintenance for warranty schedule.

Configuration

- Assign a functional location to a worker.
- Assign a functional location to a worker.
- Create a site financial dimension.
- Set limit to responsible to no.
- Set limit to responsible to yes.

- Time
- Time
- Counter
- Capacity load

NO.18 A company uses Dynamics 365 Supply Chain Management to ship hazardous materials across several countries/regions.

Several products cannot legally be shipped together in the same truck due to the risk of a hazardous chemical reaction if there is an accident.

You need to configure the compatibility groups for the product restrictions.

Which two lists should you configure? Each correct answer presents part of the solution.

NOTE: Each correct selection is worth one point.

- A. class
- B. stowage
- C. division
- D. packing group

E. material codes

Answer: B,E

NO.19 You are the lead product design engineer at a plastics manufacturing company. You implement a new process that uses a single tool to produce three finished goods at the same time. You need to set up the planning item number and formula to correctly to manufacture the three items.

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

NOTE: Each correct selection is worth one point.

A. Create item number for planning item and the associated formula

B. Add a coverage group to the formula

C. Specify each of the finished good items as co-products

D. Assign co-products to the formula

E. Add minimum and maximum quantities on formula

Answer: A,C,D

NO.20 You are the production scheduler at a manufacturing company. The company is not using advanced warehousing.

You have firming a planned production order from master planning. The order is ready to be processed.

You now need to process the order in production control.

What should you do first?

A. Schedule the order

B. Start the order

C. Report the order as finished

D. Estimate the order

Answer: D