



Microsoft

MB-320 EXAM

Microsoft Dynamics 365 for Finance and Operations,
Manufacturing

Product: Demo File

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Question: 1

HOTSPOT

You are developing a new car audio system kit. The kit configuration has restrictions based on car model, speaker size, and other expression constraints.

You need to set up a new item for the car audio system.

How should you create the new product? To answer, select the appropriate option in the answer area.

NOTE: Each correct selection is worth one point.

New released product field**Selection**

Product subtype

item
service
product
product master

Product dimension group (active dimensions)

configuration
style
style and configuration
size and style

Configuration technology

predefined variant
dimension-based configuration
constraint-based configuration

Answer:

New released product field

Product subtype

Product dimension group (active dimensions)

Configuration technology

Selection

item
service
product
product master

configuration
style
style and configuration
size and style

predefined variant
dimension-based configuration
constraint-based configuration

Question: 2

A manufacturer produces HDMI cables. Typically, the item is manufactured. The manufacturer will occasionally buy unbranded HDMI cables from a vendor in order to keep up with demand. The company must use the same item number whether they make or buy the item. What should you do?

- A. Select route type as vendor on the route operation when the item is to be purchased.
- B. In default order settings, select Production for the default order type
- C. Create a new vendor resource when the item is to be purchased
- D. In default order settings, select Purchase for the default order type

Answer: A

Question: 3

DRAG DROP

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.

Attribute	Attribute Values
Finish	Oak, Resowood
Grill	Metal, Black, Gray

Finishes	Grill
Oak	Black
Oak	Metal
Rosewood	Gray
Rosewood	Black

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:

Create a user-defined table constraint.

Add the attribute types for Finish and Grill.

Attach the table constraint columns to the attributes.

Add the selected combinations and validate.

Question: 4

DRAG DROP

A configure-to-order company is implementing Dynamics 365 for Finance and Operations. The company is preparing to use the product configuration model functionality to develop the Bill of materials (BOM), routes and valid configuration combinations.

You need to set up the configuration models, constraints, and pricing.

In which order should you perform the actions? To answer, move all actions from the list of actions to the answer area and arrange them in the correct order.

Actions	Answer Area
Create attribute types and add them to the configuration model.	
Set pricing model criteria to configuration model.	
Add BOM lines, route operations, and the pricing model to configuration model.	
Add version to configuration model.	
Add constraints to configuration model.	

Answer:

Create attribute types and add them to the configuration model.

Add constraints to configuration model.

Add BOM lines, route operations, and the pricing model to configuration model.

Add version to configuration model.

Set pricing model criteria to configuration model.

Question: 5

HOTSPOT

A company manufactures high-end speaker systems. You have different configurations available for customers to customize features including finishes and speaker materials. You have a product configuration model with bill of material lines and conditions for each component.

A customer can optionally add on protective covers, but only if a non-metal material is selected. If any other material is selected, the covers cannot be added. You add the following attributes:

Attribute	Attribute values
Speaker material	Metal, Polymer, Cloth
Corner protection	Yes, No

You need to create an expression-based constraint that will only allow Corner Protection if Metal is not selected.

How should you complete the expression? To answer, select the appropriate options in the answer area.

NOTE: Each correct selection is worth one point.

Implies [SpeakerMaterial == " Metal " , ! CornerProtection] = False < >

Answer:

Implies [SpeakerMaterial == " Metal ", ! CornerProtection]

!= Cloth =

< Polymer False

>

Question: 6

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.

Actions

Answer Area

Select working times

Apply the new template to the resource's calendar

Select the calendar related to the resource

Create a new working time template

Update the runtime on the routes that use the resource

Change the efficiency percentage on the days that need the change

Answer:

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

Question: 7

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 solution. NOTE: Each correct selection is worth one point.

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

Answer: AD

Question:8

DRAG DROP

A company manufactures automobile engines.

You must create product configurations for valves that are used in different types of engines. Each value is based on a master valve design. Different gaskets and fittings are used to allow valves to work with different engines.

You need to translate production plans into Dynamics 365 Finance and Operations elements.

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.

Actions

Answer Area

Create and release product master.

Create attribute types.

Create configuration groups and BOM.

Create product variants.

Define configuration route.

Answer:

Create and release product master.

Create configuration groups and BOM.

Define configuration route.

Create product variants.

Question: 9

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 group. Change the calendar to closed on the resource group.
- B. Navigate to the calendar used for production and close the next two days.
- C. Navigate to the resource. Change the calendar to closed on the resource.
- D. Navigate to the resource and select Calendar deviations. Set the calendar to closed for the next two days.

Answer: D

Question: 10

A manufacturing company is implementing Dynamics 365 for Finance and Operations. The company uses a standard costing model to value inventory. During the setup of the system, all areas that impact the standard cost of the item must be configured correctly to calculate a complete standard cost by using routing, Bill of materials (BOM) and overhead burden. You need to verify that all areas of the system are correctly configured. Which object does NOT impact the standard cost of manufactured items?

- A. item group
- B. cost groups
- C. cost categories
- D. BOM formula

Answer: D

Question: 11

DRAG DROP

A glass bottle manufacturer uses route operations to schedule resources and track manufacturing costs. The company has recently seen an increase in demand and purchases another resource. The company uses the same costs per resource. However, the new resource costs more to run. The company must be able to track cost contributions for the new resource.

You need to create a cost category for the new resource.

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.

NOTE: Each correct selection is worth one point.

Actions

- Assign the surcharge node to the resource
- Create a new cost category
- Update the cost price on the existing cost categories
- Create a new cost group
- Assign the cost group for the indirect cost to the route operation
- Assign the cost category to all route operations that use the new resource



Answer Area

Answer:

- Create a new cost group
- Create a new cost category
- Assign the cost category to all route operations that use the new resource

Question: 12

DRAG DROP

You are the product design manager for a computer manufacturer. Your new laptop model is configurable. There are restrictions on which hardware components can be selected depending on the model. You create configuration groups for hardware and software. You need to create a new laptop item number and configurations. In which order should you perform the actions? To answer, move all actions from the list of actions to the answer area and arrange them in the correct order.

Actions

- Assign a product dimension with an active configuration dimension
- Create a product master with dimension-based configuration technology
- Create a bill of materials version and create a configuration route
- Create the configuration variants automatically by using the Maintain configurations form



Answer Area

Answer:

Create a product master with dimension-based configuration technology

Assign a product dimension with an active configuration dimension

Create a bill of materials version and create a configuration route

Create the configuration variants automatically by using the Maintain configurations form

Explanation:

References:

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

Question: 13

A company is looking to use Dynamics 365 for Finance and Operations.

The company is in the process of redesigning and retooling an existing manufacturing plant to group similar, cellular operations to improve efficiency and minimize wasted time between operations. They want to locate raw materials close to where they are needed without losing reorder visibility.

You need to set up their environment.

Which kind of production type should you implement?

- A. Lean manufacturing
- B. Process manufacturing
- C. Discrete manufacturing
- D. Manufacturing execution

Answer: A

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