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Exam : **MB-335**

Title : Microsoft Dynamics 365 Supply Chain Management Functional Consultant Expert

Version : DEMO

1. Topic 1, Fabrikam inc sanitation cleaning solutions

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 Vendor A)
o Pine scent (subcontracted to a vendor named Vendor A)

The production quantity for the finished unscented liquid cleaning solution is 40-liters. Ingredient C 'or unscented liquid cleaning solution Is stored in inventory in 50-liter barrels and allocated in 50-liter increments. Two barrels of Ingredient C are uses 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 require merits 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 lo 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 «s 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 Vendor A 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

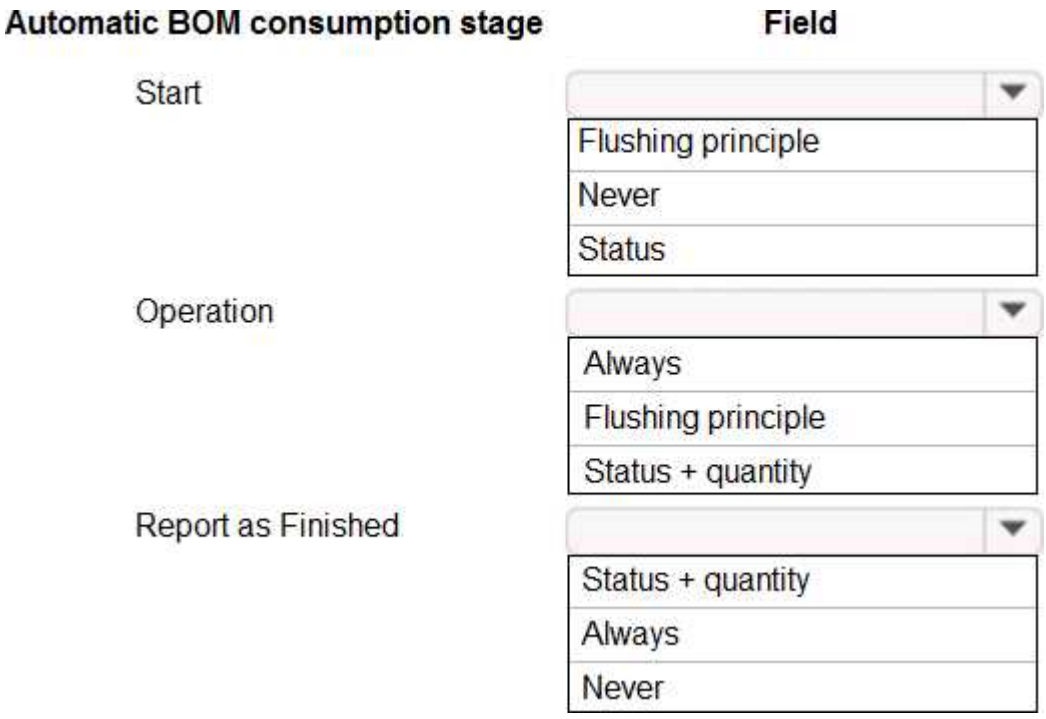
You must not be required to track the tot number for items when you enter inventory information into the system. Lot numbers for items must be entered when items are picked from inventory.

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.
• User 2 reports that costs for manufactured items are twice as high as expected.
• User 1 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.

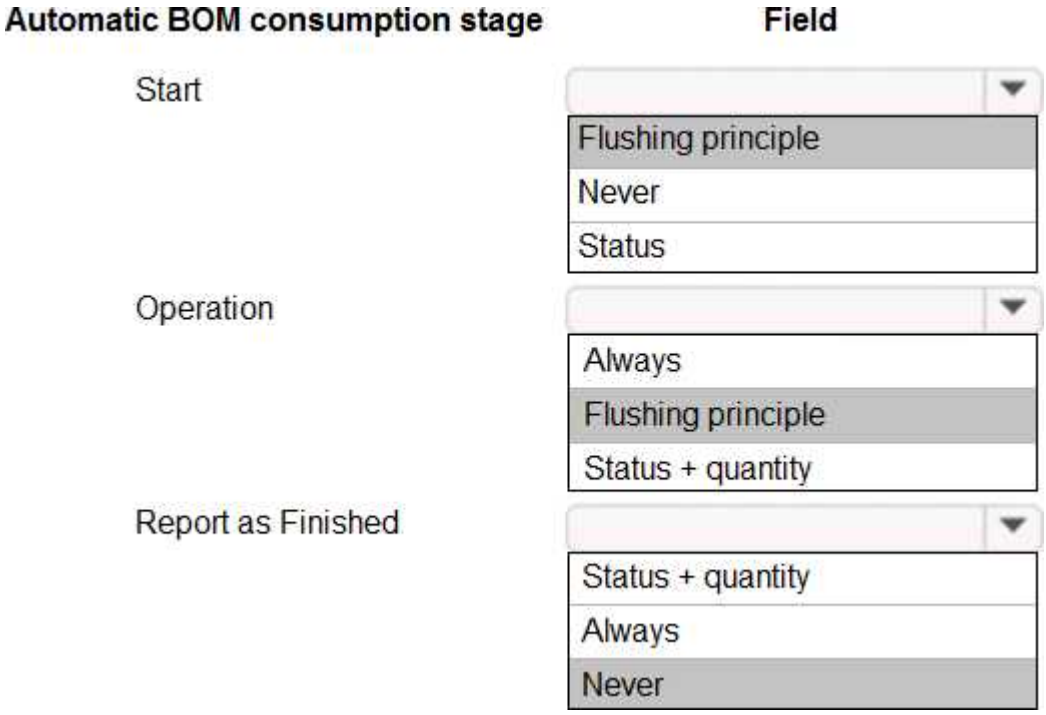
You need to configure costing for raw materials used to manufacture unscented cleaning solution.
Which form should you use?
A. Cost basis type
B. Quantity and margin template
C. Pricing calculation
D. Pricing template
Answer: B
Explanation:
Reference: https://docs.microsoft.com/en-us/dynamicsax-2012//quantity-and-margin-template-form?redirectedfrom=MSDN

2.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.
Answer: BC
Explanation:
Reference: https://docs.microsoft.com/en-us/dynamics365/supply-chain/production-control/formulas-versions

3.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.



Answer:



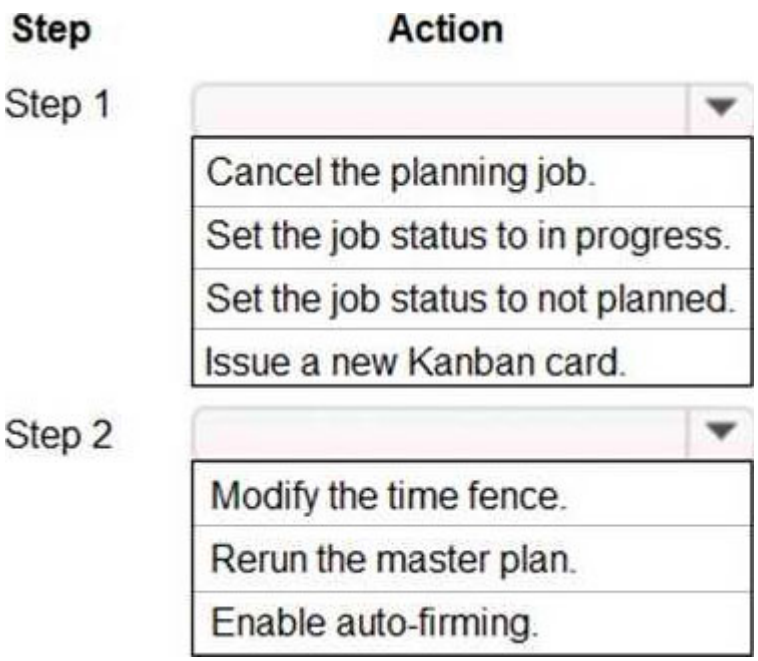
Explanation:

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

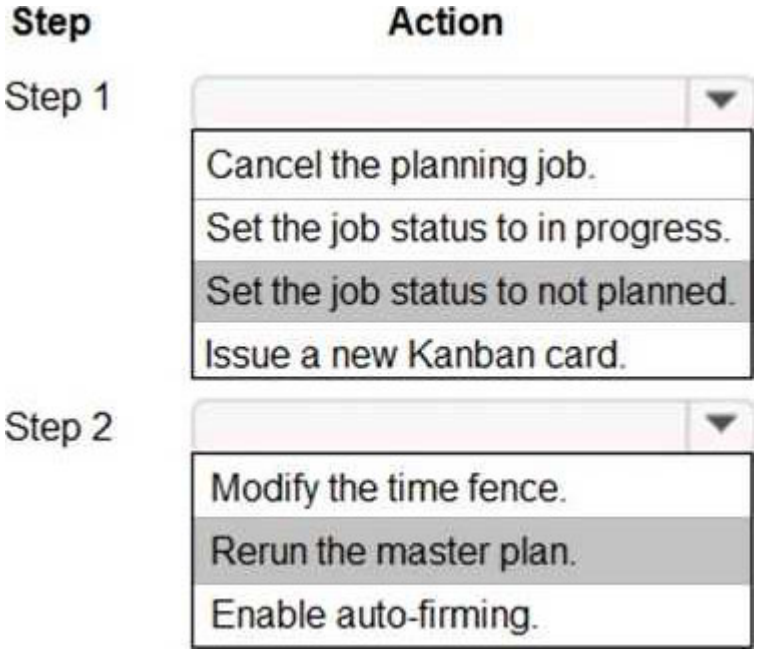
4.HOTSPOT

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.



Answer:



5.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.

Consumption factor	Consumption in liters
Estimated consumption	40 liters 50 liters 80 liters 100 liters
Round up to a multiple	20 liters 40 liters 50 liters 100 liters
Excess consumption	10 liters 20 liters 40 liters 50 liters

Answer:

Consumption factor	Consumption in liters
Estimated consumption	40 liters 50 liters **80 liters** 100 liters
Round up to a multiple	20 liters 40 liters **50 liters** 100 liters
Excess consumption	10 liters **20 liters** 40 liters 50 liters