



Exam : MB7-224

Title : Navision 4.0 Manufacturing

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QUESTION 1

When a production order is planned and the expected components or routing are missing, you should check the following:

- A. The BOM or routing are using valid routing link codes.
- B. The BOM or routing are not using invalid routing link codes.
- C. The BOM or routing is assigned to the item.
- D. The BOM or routing is certified.

Answer: C,D

QUESTION 2

What views are available when using the Microsoft Navision production schedule window?

- A. Production BOM
- B. Resource
- C. Production Order
- D. Routings

Answer: B,C

QUESTION 3

What happens if you run a planning worksheet after order planning?

- A. The planning worksheet will not run after order planning.
- B. The planning worksheet will validate the supply orders created by order planning.
- C. The planning worksheet will override all the supply orders created by order planning.
- D. The planning worksheet will create duplicate supply orders.

Answer: C

QUESTION 4

Your client manufactures a metal that has a stocking unit of sheet, but produces it a roll at a time. Where is this difference recorded?

- A. Set the Unit of Measure Code on the Item Card and on the production BOM to sheet.
- B. Set the Unit of Measure Code on the Item Card to sheet and on the production BOM to roll.
- C. Set the Unit of Measure Code on the Item Card and on the production BOM to roll.
- D. Set the Unit of Measure Code on the Item Card to roll and on the production BOM to sheet.

Answer: B

QUESTION 5

How would you define a capacity constraint of 10 % below full capacity?

- A. Allocate a load of 90
- B. Define a critical load % of 90
- C. Enter a dampener % of 10
- D. Enter a critical load % of 10

Answer: B

QUESTION 6

A regenerative plan has just been calculated, and you are trying to track one of the suggested lines, but it has no order tracking entries. What could the reason be?

- A. We are not using order tracking for this particular customer.
- B. The line is covering a forecast and /or blanket orders.
- C. The line is covering a sales order.
- D. The line is suggested because of an item parameter.

Answer: B,D

QUESTION 7

Which of the following will backflush components for one step of the routing?

- A. The routing link codes are set in the released production order routing. Each component has its flushing method set to Manual. The output journal is posted for the one operation of the routing that has been finished.
- B. The routing link codes are set in both the production BOM and the production routing. Each component has the flushing method set to Backward. Quantity is posted on that step in the output journal.
- C. The routing link codes are set in the released production order routing only, not the production BOM. Each component has the flushing method set to Backward. The output journal is posted for the one operation of the routing that has been finished.
- D. The routing link codes are set in both the production BOM and the routing. Each component has the flushing method set to Backward. The output journal is posted for all of the operations of the routing.

Answer: B

QUESTION 8

What must the status be of a production BOM to be available for use in production orders, MRP, and item cost calculation?

- A. closed
- B. certified
- C. new
- D. under development

Answer: B

QUESTION 9

Which of the following are true statements about the use of phantom BOMs?

- A. Phantom BOMs are nothing more than production BOMs that are chosen on a production line instead of each separate component for subassembly
- B. A phantom BOM represents a group of items that put together during production.
- C. Phantom BOMs allow the MTO process to account for components without creating Item Cards or a production order for the subassembly.
- D. The time required for assembling a phantom BOM is zero or is in the master item's routing.

Answer: A,B,C,D

QUESTION 10

An item has the following parameters:

Manufacturing Policy = Make-to-Stock

Reordering Policy = Lot-for-Lot

Include Inventory = Yes

If inventory is 15 with a gross requirement of 50 and an order multiple of 10, what will the net requirement be in the planning worksheet?

- A. 35
- B. 45
- C. 50
- D. 40

Answer: D

QUESTION 11

You have 200 PCS bicycles on inventory, you have 800 PCS in backorders, and your safety stock quantity is 200 PCS. How much should be produced?

- A. 600 PCS
- B. 800 PCS
- C. None, because the 800 PCS are not yet due for delivery.
- D. 1000 PCS

Answer: B

QUESTION 12

You want to avoid entering setup and run times when you use the output journal. What feature in Microsoft Navision can you use to avoid doing this?

- A. Backflushing of the components
- B. Change the status of a released production order to Finish
- C. Backflushing the machine and work centers
- D. Replanning the released production order

Answer: C

QUESTION 13

How does order planning differ from the planning worksheet?

- A. Order planning does not consider order parameters from item cards or SKU cards.
- B. Order planning considers forecasts.
- C. Order planning examines one level of BOM structure at a time.
- D. There is no difference between the two processes.

Answer: A,C

QUESTION 14

What must the status be in order to modify a production BOM or production BOM version?

- A. revise
- B. under development
- C. new
- D. amend

Answer: B,C

QUESTION 15

Microsoft Navision supports different reordering policies. Select the correct combination of reordering parameters.

- A. Lot-for-Lot policy and Reorder Point
- B. Maximum Quantity policy and Order Multiple
- C. Order policy and Order Multiple
- D. Fixed Reorder Quantity policy and Reorder Quantity

Answer: D

QUESTION 16

A routing link code:

- A. Allows for flushing of inventory by operation.
- B. Ties material to an operational step on the routing.
- C. Ties a production BOMs to a particular routing.
- D. Clarifies the relationship between production BOMs and operations.

Answer: A,B,D

QUESTION 17

You are generating a production order from a sales order. The sales order has one item with multiple ship dates. What type of production order will you create?

- A. Create a project order.
- B. Create an item order for each ship date.
- C. Create one item order.
- D. Create a project order for each ship date.

Answer: B

QUESTION 18

What will stop a BOM from being Certified when using routing link codes?

- A. There is no certification process related to routing link codes; just change the BOM Status to Certified.
- B. A BOM cannot use routing link codes.
- C. The routing link codes have been assigned to the related routing.
- D. The routing link codes have not been assigned to the related routing.

Answer: D

QUESTION 19

You can have all of the components automatically post from inventory when a production order is released as long as which of the following statements are true?

- A. There is a value in the Quantity per field in the Production BOM.
- B. Forward has been selected as the flushing method on all components.
- C. There are no routing link codes.
- D. The inventory is on hand.

Answer: B,C,D

QUESTION 20

A sales order has been received from a preferred customer for a make-to-order item. Before releasing the production order to the shop floor, the planner would like to verify

that all components are in stock and available. How will the planner create a report that contains this information?

- A. Create a firm planned production order and run the Refresh Production Order batch job. Review the production order - components and routing lines report.
- B. Create a firm planned production order and run the Refresh Production Order batch job. Review the Prod. Order-Shortage List report.
- C. Create a firm planned production order and run the Refresh Production Order batch job. Review the production order job card.
- D. Do nothing. Inventory control will make certain that all items are ready to be picked before production begins.

Answer: B

QUESTION 21

If a work center is using a consolidated calendar, which of the following statements is true?

- A. Only outside operations can be scheduled for the machine centers.
- B. The capacity of each machine center is equal to the capacity of the work center.
- C. The work center capacity is equal to the sum of the machine center capacities.
- D. No operations can be scheduled for the work center.

Answer: C

QUESTION 22

How can you plan for the scrap of one component of a finished good?

- A. Add Scrap % to the routing of the released production order.
- B. Click the Routing menu item in the Released Production Order window and enter a value in the Scrap % field.
- C. Add the amount of scrap to the quantity picked using the appropriate line on the consumption journal.
- D. Use the Scrap % field in the Production BOM line table.

Answer: D

QUESTION 23

The planned delivery date on a sales order line becomes which date when it is created on a purchase order?

- A. shipping date
- B. due date

- C. starting date
- D. ending date

Answer: B

QUESTION 24

A rush order has been received from an end user's best customer. It is imperative that production begins immediately on the shop floor. An item production order is entered and released prior to sales entry. Once the sales order is entered, you can link the production order to the sales order by:

- A. Using the Order Tracking function to select the sales order.
- B. Changing the production order source type to Sales Header and choosing the sales order number.
- C. Doing nothing because it is not possible to link the production order to the sales order.
- D. Using the Reserve function(s) from the sales order to reserve the production order for the sales order.

Answer: D

QUESTION 25

A customer places an order for a production item that has a cumulative manufacturing lead time of one week. The item must be shipped by July 25. A released item production order is created immediately from the Sales Order Planning form. The Expected Delivery Date field on the Sales Order Planning form shows:

- A. July 25
- B. July 23 or 24
- C. The next working date after July 24
- D. The last working date before July 25

Answer: D

QUESTION 26

How do you set up a subcontracting operation in Microsoft Navision?

- A. Create a work center group for subcontracting and use work centers assigned to this work center group to perform the operation.
- B. Go to the Scheduling tab on a machine center card, insert a vendor number in the Subcontractor No. field and then use this machine center on the routing line.
- C. Go to the routing operation you want to subcontract, place a check mark in the subcontracting field and insert a vendor number on the line.
- D. Select a vendor number on a work center card and use this work center as a routing

step.

Answer: D

QUESTION 27

When you place a check mark in the Specific Unit Cost field on the work center card, it accomplishes which of the following?

- A. Production orders, which contain routings that utilize this work center, will be valued based upon the costing method, Specific.
- B. It allows the user to designate a facility that should only be costed based upon run time, as opposed to both setup and run times.
- C. It permits the designation of the costs of the operation at the routing operation, as opposed to utilizing the costs from the work center card.
- D. Standard cost calculations will be performed at the time that the production order status is changed to Finished.

Answer: C

QUESTION 28

Which of the following are true statements about the Demand Date Field in Order Planning?

- A. This date will always be the earliest date of all demand in Order Planning.
- B. The calculation of new demand is made plan-by-plan.
- C. All planning lines under one order header have the same demand date.
- D. This date will always be the earliest date of all demand in the order.

Answer: C,D

QUESTION 29

Which of the following are valid non-productive times?

- A. queue time
- B. move time
- C. setup time
- D. operation time

Answer: A,B

QUESTION 30

You would like to schedule twice as much material through machine center 110 as you have in the past. How can you accomplish this?

- A. Reduce the run time amount by 50%.
- B. You cannot use a machine center to do this type of work because only work centers can be used concurrently.
- C. Set up a parallel routing so that the work is sent to machine center 110 and machine center 120 at the same time to get the necessary operation.
- D. Double the concurrent capacity of the machine center.

Answer: D

QUESTION 31

In Microsoft Navision, what is the BOM version used to accomplish?

- A. Engineering Change Control
- B. Define different routings for the same product
- C. A change in manufacturing policy
- D. Optimistic concurrency in the manufacturing product

Answer: A

QUESTION 32

You have 200 PCS on inventory, sales forecast of 100 PCS and an actual sale for 50 PCS in the forecast period. What will the ATP be?

- A. 50 PCS
- B. 150 PCS
- C. 200 PCS
- D. 100 PCS

Answer: B

QUESTION 33

How can you tell if a production order has any lines have subcontracting operations and whether a Purchase order has been created?

- A. Run the Subcontractor - Dispatch List report.
- B. Run the Prod. Order - Job Card report.
- C. Run the Prod. Order - List report.
- D. Run the Prod. Order - Routing List report.

Answer: A

QUESTION 34

What is the purpose of the Calculation Formula field?

- A. To facilitate a unit of measure conversion
- B. To rapidly copy a new Production BOM from an existing one
- C. To enter the quantity per assembly in terms of dimensions
- D. To calculate cost standards for a parent from a collection of components

Answer: C

QUESTION 35

What feature shows the interdependence of sales orders, production orders, and purchase orders?

- A. Pegging
- B. Reservation
- C. Order Tracking
- D. Action Messaging

Answer: C

QUESTION 36

Which of the following changes to production or sales orders will generate conflicts that cause the Sales Order Planning window to indicate that replanning is required?

- A. Sales order quantity changed to greater than the original quantity.
- B. Sales order shipment date moved to sooner than production order due date.
- C. Sales order quantity changed to less than the original quantity.
- D. Production order due date moved to sooner than sales order shipment date.

Answer: A,B

QUESTION 37

If the user wants to eliminate the possibility of a purchase order receiving an action message to cancel, which of the following options is available?

- A. Set the reordering policy of the item effected to Lot-for-Lot to eliminate the action Message.
- B. Change the value in the Planning Flexibility field of the purchase order line to None.
- C. This is not possible because purchased items must always be included in action messaging.
- D. Establish a dampener on the purchase order line.

Answer: B

QUESTION 38

A project type production order can be helpful when:

- A. Producing items that can be sold together.

- B. Producing items that create by-products.
- C. Producing similar looking items.
- D. Producing different items at the same work center.

Answer: A

QUESTION 39

From a routing, the Where-Used feature displays which of the following:

- A. A window listing every machine center and work center that is a part of the routing.
- B. A window listing every item that uses that routing.
- C. Nothing, because where-used can only be used on a production BOM.
- D. Nothing, because where-used can only be used on the item card clicking the Item button, Manufacturing, and then Where-Used.

Answer: B

QUESTION 40

What information can be added to a Standard Task Code?

- A. Cost
- B. Tooling
- C. Work Center
- D. Personnel

Answer: B,D

QUESTION 41

How does Parallel Scheduling work in Microsoft Navision?

- A. It schedules two or more machines to perform the identical operations at the same time.
- B. It schedules two or more resources to an operation.
- C. It duplicates the setup and tooling of two or more machines.
- D. It schedules two or more different operations at the same time on a production order.

Answer: D

QUESTION 42

Which production BOM report shows all components, unit costs, exploded quantity, cost shares, and the total cost difference?

- A. Quantity Explosion of BOM
- B. Compare List
- C. Where-Used (Top Level)

D. Routing Sheet

Answer: B

QUESTION 43

Which field on the Order Planning window shows the quantity that is not available and needs to be ordered to meet demand?

- A. Available for Transfer
- B. Demand Quantity
- C. Needed Quantity
- D. Demand Qty. Available

Answer: C

QUESTION 44

Under what circumstance will Microsoft Navision load a resource, which is setup as a constrained resource, over the critical load?

- A. Microsoft Navision will load the center up to the critical load % plus dampener % on the last day if needed.
- B. Microsoft Navision will plan each day load up to the critical % plus dampener %.
- C. If a production order is created manually, it can overload the center.
- D. Since the center is marked as constrained, it will never be loaded over the critical load %.

Answer: A

QUESTION 45

Why would you schedule non-productive time into your routing operations?

- A. To have the correct cumulative lead time.
- B. You need to have down time to ensure that your operators get breaks.
- C. The time is built in to cover employee illness.
- D. Part of the operation involves a part drying before it can go to the next step.

Answer: A,D

QUESTION 46

Automatic reservations can be activated from the Planning tab on the item card by selecting the Always option in the Reserve field. When the automatic reservations are activated, an automatic reservation will NOT be recorded against which form?

- A. Production orders
- B. Purchase orders
- C. Sales Orders

D. Bills of material

Answer: D

QUESTION 47

A work center is using a consolidated calendar. The consolidated calendar consists of two machine centers. The capacities of the machine centers are 25 and 40 Hours. The efficiency of each machine center is 90%. What is the availability of the work center, when the queue time is one hour?

- A. 65 hours
- B. 58 hours 30 minutes
- C. 57 hours 30 minutes
- D. 59 hours 30 minutes

Answer: B

QUESTION 48

In Microsoft Navision, a location code will automatically be transferred in:

- A. Item journal
- B. Planning worksheet
- C. Item ledger entry if posted
- D. Routing

Answer: B,C

QUESTION 49

You are setting up MRP in a firm with long manufacturing and lead times, like aircraft manufacturing. You want to calculate all of your net requirements for one month at a time. What should be set so that a net requirement falling anywhere in the month would produce a single line on the MRP worksheet?

- A. Lead Time Calculation
- B. Reorder Cycle and Reordering Policy
- C. Reorder Cycle
- D. Reordering Policy

Answer: B

QUESTION 50

What are the benefits of using Production Families?

- A. All items for the family are included on the Sales Order.
- B. All components are on one Item Card.
- C. Material consumption can be optimized.

D. Setup costs could be reduced.

Answer: C,D

QUESTION 51

How do you define whether or not the setup times are to be included in the cost calculation of the Standard Cost field?

- A. By checking the Planning Warning field on the General tab of the Manufacturing Setup window.
- B. By checking the Cost Incl. Setup field on the routing line.
- C. By checking the Cost Incl. Setup field on the production order.
- D. By checking the Cost Incl. Setup field on the General tab of the Manufacturing Setup window.

Answer: D

QUESTION 52

Location Big produces a component A that will be used by location Small to produce product B. How do you set the Stockkeeping Unit Card to reflect this scenario?

- A. Select the Stockkeeping card for product B, location Big. Set the Replenishment System to Transfer and Transfer-from Code to location Small.
- B. Select the Stockkeeping card for product B, location Big. Set the Replenishment System to Purchase and Transfer-from Code to location Small.
- C. Select the Stockkeeping card for component A, location Big. Set the Replenishment System to Purchase and Transfer-from Code to location Small.
- D. Select the Stockkeeping card for component A, location Small. Set the Replenishment System to Transfer and Transfer-from Code to location Big.

Answer: D

QUESTION 53

A client uses multiple locations for manufacturing. Which of the following fields should be used to show that all locations use raw materials from a single location?

- A. Components at Location
- B. Transfer from Code
- C. Use Forecast on Locations
- D. Preset Output Quantity

Answer: A

QUESTION 54

In which process will Microsoft Navision post a positive quantity for the item being produced?

- A. When changing the status of the production order to finished and the machine and work centers are set to backflush.
- B. When posting the output journal or production journal.
- C. When posting the consumption journal.
- D. When posting the output journal and placing a check mark in the Finished field.

Answer: A,B

QUESTION 55

For this question, assume that order tracking is used. When production orders are created from sales orders (M-T-O), a reservation between the two orders is invoked. Specifically, the program creates an order-to-order binding reservation. Various messages are generated by the program when "on the fly" changes are made to due dates and quantities. Select the message(s) that the program will display when we make the following changes: Change the production order completion date to before the sales order due date Change the sales order due date to after the production order due date Change the sales order quantity to less than the original quantity

- A. The Sales Order Planning window indicates that replanning is required.
- B. The order tracking entries for this line have a date conflict.
- C. No messages are received.
- D. The order tracking entries for this line have a quantity conflict.

Answer: C

QUESTION 56

We have a sales order for 50 PCS, and we have 20 PCS in inventory. We have selected M-T-O as our manufacturing policy, lot-for-lot as the reordering policy, and we have placed a check mark in the Include Inventory field. When running a regenerative plan (MPS), the program will suggest that we order:

- A. 30 PCS
- B. 50 PCS
- C. 20 PCS
- D. 35 PCS

Answer: B

QUESTION 57

What are the Manufacturing Policy methods used when the replenishment system is production order in Microsoft Navision?

- A. MPS
- B. MTO
- C. MTS
- D. MRP

Answer: B,C

QUESTION 58

What is the Matrix per Version window used for?

- A. To compare all existing versions of a production BOM
- B. To compare the current version of a production BOM against the last version
- C. To compare single level BOMs against multilevel BOMs
- D. To compare the original BOM against the current version

Answer: A

QUESTION 59

In what environment is the planned delivery date on a sales order not as meaningful until a production order is granted?

- A. MTS
- B. MTO
- C. MRP
- D. MPS

Answer: B

QUESTION 60

Why would you choose to run the Delete Expired Components?

- A. You have an expired item in inventory.
- B. You have an expired BOM you want to delete.
- C. You ran the Exchange Production BOM Item and did not create a new version or delete the exchanged component.
- D. You manually entered an end date on production BOM lines.

Answer: C,D

Which field on the Planning tab of the item card is an order quantity modifier?

- A. Order Multiple
- B. Maximum Order Quantity
- C. Minimum Order Quantity
- D. Reorder Point

Answer: A,B,C

QUESTION 61

Order planning is used in place of what other worksheets?

- A. planning
- B. requisition
- C. inventory
- D. production

Answer: A,B

QUESTION 62

You have a firm planned production order with a subcontracted operation. How do you create an order for the vendor?

- A. Open the Subcontracting Worksheet window, run the Calculate Subcontracts batch job and click the Carry Out Action Message function.
- B. Open the Subcontracting Worksheet window and click the Carry Out Action Message function.
- C. Open the Subcontracted Worksheet window and run the Calculate Subcontracts batch job.
- D. Release the order, open the Subcontracting Worksheet window, run the Calculate Subcontracts batch job and click the Carry Out Action Message function.

Answer: D

QUESTION 63

In Microsoft Navision, what purpose does the Reorder Cycle field serve?

- A. It determines the effective starting and ending dates of the planning run.
- B. Net requirements can be grouped together across the reorder cycle, and they are due on the date of the initial requirement.
- C. It indicates the quantity that should be reordered when you select Order as the reordering policy.
- D. Order tracking entries are generated based upon the value in this field.

Answer: B

QUESTION 64

Your end user wants to use the same "identifier" for all phases of a production order. To do this, you can:

- A. Place a check mark in the Doc. No. is Prod. Order No. field.
- B. There is no way to use the same identifier for all phases of a production order.
- C. Allow manual numbering for all production order types.
- D. Use the same numbering series for all production order types.

Answer: D

QUESTION 65

We have ten minutes setup time, five minutes wait time and five minutes run time per unit. The send-ahead quantity is ten PCS. We are producing 100 PCS in total. How many minutes after the actual operation starts, can the next operation be started?

- A. 65 minutes
- B. 50 minutes
- C. 60 minutes
- D. 515 minutes

Answer: A

QUESTION 66

On your routing you have the following times: setup = 60 minutes wait = 10 minutes run = 5 minutes What will be displayed as the total time to complete this step on the Routing Sheet report for a quantity of ten?

- A. 70 minutes
- B. 210 minutes.
- C. 120 minutes
- D. 750 minutes

Answer: C

QUESTION 67

Use the following information for the next question:
Item A is manufactured. Its components are B, C, D.
Item B and C are purchased.
Item D is a subassembly; its components are Z and C.
Item Z is a Subassembly; its components are Y and B.
What is the Low Level code for Item C?

- A. 4
- B. 2
- C. 3
- D. 1

Answer: B

QUESTION 68

You have set up all of the components to forward flush, and there are no routing link codes in the production BOM. During which activity are the expected components consumed from inventory?

- A. When the production order status is changed to released.
- B. When you click the Functions button and then click Explode Routing in the output journal.
- C. When you post the first operation in the output journal.
- D. When you post the consumption journal.

Answer: A

QUESTION 69

You have a subcontractor that has a different rate for each process. How do you set up the cost?

- A. Add the associated cost on each Routing.
- B. Add the cost to each Production Order
- C. Fill in the Direct Unit Cost through Overhead Rate fields on the Work Center Card.
- D. Check the Specific Unit Cost field on the Work Center Card.

Answer: A,D

QUESTION 70

As a planner, you are running a regenerative plan for MPS only. What kind of demand will influence the output?

- A. Forecast, sales orders and components need
- B. Customer orders and components needed
- C. Sales orders only
- D. Sales orders, forecast entries and blanket orders

Answer: D

QUESTION 71

In order to set up a machine center for subcontracting work, establish the following:

- A. A subcontractor number.
- B. A routing that includes the facility.
- C. You cannot do this because subcontracting can only occur at work centers.
- D. A unit cost calculation based on time or units.

Answer: C

QUESTION 72

There is a need to create a production order from a sales order. What two types of production orders can you make from the Sales Order Planning window?

- A. blanket
- B. project
- C. item
- D. family

Answer: B,C

QUESTION 73

You have a subcontractor that is a single rate vendor. How do you set up the cost?

- A. Add the associated cost on each Routing.
- B. Fill in the Direct Unit Cost through Overhead Rate fields on the Work Center Card.
- C. Add the cost to each Production Order
- D. Check the Specific Unit Cost field on the Work Center Card.

Answer: B