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Question: 1

What is the purpose of the User profiles you create in the Product Builder module?

- A - to set up commission calculating for each user
- B - to specify which Microsoft Dynamics AX modules are available for each user
- C - to control which parts of the Product Builder module each user group should have access to
- D - to customize the Product Builder configuration form for the needs of specific user groups

Answer: D

Question: 2

In the Default values form, you can create context-sensitive default values for your modeling variables. What kinds of combinations can you make?

- A - item and customer combinations
- B - product model and item combinations
- C - product model and customer combinations
- D - product model, item, and customer combinations

Answer: A

Question: 3

What is the purpose of creating global rules?

- A - You can be use them as templates when creating rules for the model.
- B - They are available for all the users, irrespective of user profiles.
- C - They are automatically applied to all the models you create.
- D - You can attach them to several product models.

Answer: D

Question: 4

Emil is a Product Designer responsible for creating product models. There are plans to open a subsidiary in Spain. Thus, it is necessary to translate the Product Builder configuration forms into Spanish. How can he make the Product Builder configuration forms available in Spanish?

- A - Select Spanish in the Product Builder parameters form.
- B - Specify the translation in the form that opens after clicking Language texts in the Modeling variables form.
- C - Type the translation in the Translation table under Product Builder Setup.
- D - Type the translation in the form that opens after clicking Language texts in the Variable group form.

Answer: B, D

Question: 5

Emil is a Product Designer responsible for creating product models. He is given a task to create a model for a configurable lamp. Emil wants to divide lamp characteristics specified by the user into two groups and display them on two different tabs in the Product Builder configuration form. One tab should be called Technical characteristics and another Design. How does he make these names appear as tab names in the Product Builder configuration form?

- A - Types them in the Variable group field of the Variable group form.
- B - Types them in the Description field of the Modeling variables form.
- C - Types them in the Description field of the Variable group form.
- D - Clicks Test model and type them on the tabs of the form that appears.

Answer: C

Question: 6

Emil is a Product Designer responsible for creating product models. His company has a new lamp for sale. This item is to be made configurable, and Emil is given a task of creating a product model for it. The lamp has the following characteristics:

Color: Green, Yellow, Brown

Height: 30.5, 45.5, 50.5

Number of bulbs: 1, 2, 3

Variables of which type does Emil use to make each characteristic available in the Product Builder configuration form?

- A - Enumerated text variable for the first, second, and third characteristics
- B - Enumerated text variables for the first characteristic, Integer for the second, and Real for the third
- C - Enumerated text variables for the first characteristic, Real for the second, and Integer for the third
- D - Enumerated text variables for the first and third characteristic, and Real for the second

Answer: A

Question: 7

Emil is a Product Designer who maintains product models in a lighting equipment producing company. He is responsible for lamp and shade models. His company has problems with suppliers. Yellow plastic that is used in lamp production is no longer available. Emil is asked to remove the yellow plastic from the list of choices available in the Product Builder configuration form. How does he achieve this, provided that there are two modeling variables in the model: Color and Material?

- A - He creates a Constraint validation rule.
- B - He creates an IF node.
- C - He clears the Include check box for appropriate outcomes of Color and Material.
- D - He sets the Field properties for Yellow and Plastic to Hide.

Answer: A

Question: 8

Emil is a Product Designer responsible for creating and maintaining lamp product models. When ordering a reading lamp, all the customers usually order a red lamp together with a red shade. Emil is asked by the Sales department to make Red appear by default as a shade color after the user selects 'Red' as a lamp color. How can he implement this?

- A - This task is impossible to perform in the Product Builder module.
- B - Assign the Shade color variable a Red default value in the Default values form. You must make this value valid for a single item and all customers.
- C - Assign the Shade color variable a Red default value in the Default field of the Product model form. Create a condition to make it appear only if 'Red' is selected for the lamp color.
- D - Create an Action validation rule to make Red appear by default as a shade color in case 'Red' is selected for the lamp color.

Answer: D

Question: 9

Susan is an Order Processor in a company that sells lighting equipment. The quartz lamp and the daylight lamp are in popular demand. The requirements to the height of these lamps are the same. Susan decides to create one item product model group and to attach configurable items with the same height to it. How can she link the items to the item product model group?

- A - In the form that opens after clicking Grouping in the Product model form, group configurable items according to product model groups.
- B - In the Item product model groups form, select which items must be included into the group.
- C - In the Items form, specify the group to which the item must belong. Set this up for each item that must be a part of the group.
- D - In the Product Builder parameters form, set up which product model group is to be used for configurable items.

Answer: C

Question: 10

Emil is a Product Designer responsible for creating product models. He creates a new product model. When testing the model, he is not satisfied with the functioning of its validation rules and group hierarchy. Emil wants to make improvements to the models rules and variable groups. How can he return to editing the model?

- A - Click Back to configuration to edit the model.
- B - Return to the Product model form.
- C - Edit the Product Builder configuration form in the form in which you test the model. Other model elements can be changed in the Product model form.
- D - Use the Product Model Wizard. After the model testing, it is the only tool used for editing it.

Answer: B

Question: 11

Emil is a Product Designer responsible for maintaining product models. His task is to set up generating color ID for one of the models. Generated IDs must consist of letters PBA followed by the color selected by the user during the configuration process. Which steps must he take to set up such color IDs generating?

- A - Select the Generate color check box in the Product Builder parameters form.
- B - Select the Generate color check box in the Generate items and dimensions form.
- C - In the Generate items and dimensions form, set the Format color field to PBAColor.
- D - In the Generate items and dimensions form, select the Color modeling variable on the Color variables tab and set the Format color field to PBA%1.

Answer: C, D

Question: 12

Oscar is a Process Engineer responsible for creating product models. He creates a model for a configurable lamp. This lamp includes a shade that must be configured by another model. Oscar needs to combine two models in one configuration process as parent and child models. How can he make the shade model be a child of the lamp model?

- A - Select the Include check box in the Product model form.
- B - Copy the shade model to the lamp model.
- C - Include a BOM line for configurable shade item into the modeling tree of the lamp model.
- D - Select the Return check box in the shade model.

Answer: C

Question: 13

Emil is a Product Designer responsible for creating and maintaining product models. He is asked by the Sales department to add graphics to the lamp product model. The graphical representation of the lamp in the Product Builder configuration form must change depending on the selected lamp type and color. Which steps should he take to make graphics available to the user and change according to specified requirements?

- A - Select variables representing lamp type and color on the Overview tab of the Graphic parameters form.
- B - In the Generate graphic documents of type field of the Product Builder parameters form, specify which type of graphic documents must be generated.
- C - Create intervals for the variables representing lamp type and color.
- D - Set the File name format to %1%2, create the necessary files and name them according to the file name format set.

Answer: A, D

Question: 14

Emil is a Product Designer responsible for creating product models for configurable lamps. In one of the models, he plans to calculate the pedestal diameter on the basis of the lamp height, which is selected by the user. Which variable type should Emil use to hold the calculation result?

- A - Data type variable
- B - Table variable
- C - Simple variable
- D - System variable

Answer: C

Question: 15

How do you attach global rule sets to product models?

- A - Select models to which the rule set applies in the Versions pane of the Global rules form. To be functional, the version must be approved and activated.
- B - Specify the model to which the rule set applies for each individual clause of the rule set in the Rules form.
- C - Enter the number of the model to which the rule set applies in the Rule set number field of the Global rules form. The rule set can apply to only one model.
- D - The rule set is automatically attached to the product model from which you start creating it.

Answer: A

Question: 16

What is the purpose of the Size variables tab of the Generate items and dimensions form?

- A - to control maximum size of variables used for item number and dimension ID generation
- B - to specify the precise size of each variable used for item number and dimension ID generation
- C - to set up the format of the size dimension ID generation
- D - to select variables used for size dimension ID generation

Answer: D

Question: 17

Karl is a Materials Manager in the lighting equipment producing company. One of his tasks is attaching items to product models. Most configurable items belong to the Lamps item group. Karl wants items of this group to be displayed on a separate tab when he selects an item to be attached to a product model. How can Karl make the Lamp items displayed on the separate tab?

- A - Set this up in the Product Builder parameters form.
- B - Create an item product model group under Product Builder -> Setup -> Groups.
- C - Select Lamps in the Item group field of the Product models form.
- D - Set this up when creating item groups in the Inventory management module.

Answer: C

Question: 18

Emil is a Product Designer responsible for creating product models. He creates a model for a table lamp. Emil plans to enable the user to select whether a lamp should include a battery or not. So, he creates the Battery check box for this purpose. If the user selects it, he or she can also select the battery type in the Battery type field. Emil wants the Battery check box to appear before the Battery type field in the Product Builder configuration form. How can he achieve this?

- A - Click Test model and set up the field order in the form that opens using the drag-and-drop feature.
- B - In the Priority field of the Product model form, type 1 for a variable representing the Battery check box and 2 for a variable representing the Battery type field.
- C - Create a validation rule that makes the check box appear before the field.
- D - In the Product model form, click Grouping and define the field order within the group.

Answer: B

Question: 19

Which variables should be set up to exchange information between parent and child models through the Inherit check box?

- A - all the modeling variables of both parent and child models
- B - all the modeling and calculation variables in the child product model
- C - all the modeling variables in the parent product model
- D - all the modeling variables in the child product model, provided that variables with the same names exist in a parent model

Answer: D

Question: 20

The Product Builder module is set up to use product model price combinations. A discount trade agreement is set up for a specific customer. What happens when you configure an item for this customer?

- A - The trade agreement is respected.
- B - The trade agreement is not respected. The price calculation is based solely on the sales price defined in the Items form.
- C - The price calculation fails.
- D - The trade agreement is respected. You must set up price agreements for all customers, otherwise you cannot use product model price combinations.

Answer: A

Question: 21

Emil is a Product Designer responsible for creating product models for configurable lamps. He

plans to create a model to be used for configuring two items: a reading lamp and a standard lamp. The tube height must be calculated depending on which lamp is configured. How can Emil determine which lamp is selected by the user in the sales order line?

- A - Create a Simple variable.
- B - Create a BOM identification variable.
- C - Create a Transfer variable.
- D - Create an Item number variable.

Answer: D

Question: 22

Karl is a Materials Manager in a lighting equipment producing company. He is informed that one of the work centers is no longer used by the company he works in. So, Karl needs to find out which product models use this work center to change it to another one. How can he obtain information about how the work center is used by the models?

- A - Print the Where-used report.
- B - Print the Production route report.
- C - Print the Work center report.
- D - You can obtain this information only by looking through all the models.

Answer: A

Question: 23

Which validation rule types can you create for calculation variables?

- A - only Formulas
- B - only local rules
- C - global rules
- D - any validation rules

Answer: B

Question: 24

Emil is a Product Designer in a lighting equipment producing company. He is given a task to create a model for a standard lamp. The Product Builder configuration form for this model is set up to consist of variable groups of three levels. How can Emil make this hierarchy visible to the user?

- A - Make variable groups to be of the Array type in the Variable group form.
- B - Clear the Show all variables check box in the Product Builder parameters form.
- C - Type 3 in the Max. field of the Variable group form.
- D - Select the Show user dialog box as tree structure check box in the Product Builder parameters form.

Answer: D

Question: 25

Susan is an Order Processor in a lighting equipment producing company. Her task is to set up the calculation of the sales price for configurable items. She wants the price to be calculated as a standard BOM price. How should Susan perform the setup?

- A - Clear the Sales price calculation check box in the Product Builder parameters form.
- B - Select the Sales price calculation check box in the Product Builder parameters form.
- C - Attach all configurable BOMs to a standard sales price calculating group.
- D - Select the BOM calculation check box in the Inventory parameters form.

Answer: B

Question: 26

Oscar is a Process Engineer responsible for creating product models. He finishes creating a product model for a configurable lamp. When checking the correctness of the route created by the model, Oscar finds that one route operation is missing. How can he add the necessary operation?

- A - Add a Route node and the set up the Operation and Next operation fields in the appropriate way.
- B - Add a Default node of the Route type.
- C - Add a new line to a node representing one of production routes inserted into the modeling tree.
- D - Add a Default route node to the modeling tree.

Answer: A

Question: 27

Oscar is a Process Engineer responsible for creating product models. He plans to create a model for a configurable lamp. This model is to include several BOM items. One of such items must be provided with a drawing. This drawing is to be used when producing the lamp according to the BOM generated by the product model. How can Oscar attach such a drawing to the BOM item?

- A - Insert a Document handling node under the BOM node.
- B - Use the product model graphics.
- C - After configuring the production order, click Product model Print graphics and insert the drawing.
- D - You cannot attach a drawing to a BOM item used in the product model.

Answer: A

Question: 28

Oscar is a Process Engineer responsible for creating product models. He creates a model for a chandelier. Oscar plans to enable the user to select the number of bulbs in the Product Builder

configuration form. The user's choice for the number of bulbs must determine the safety device power. The power of the safety device is to be increased 5 amperes for each bulb. How does Oscar implement the safety device power increase depending on the number of bulbs?

- A - Creates a Class calculation variable.
- B - Creates an IF node.
- C - Creates an Action validation rule.
- D - Creates a FOR node.

Answer: D

Question: 29

Oscar is a Process Engineer responsible for maintaining lamp product models. He plans to add a BOM line for battery to one of the models. This model contains a standard production BOM. How can Oscar add a BOM line to it?

- A - Drag the BOM node before the production BOM.
- B - Drag the BOM node after the production BOM.
- C - Insert the BOM node to any place in the modeling tree.
- D - Collapse the production BOM in the modeling tree and insert a BOM node as one of its lines.

Answer: B

Question: 30

Oscar is a Process Engineer responsible for creating product models in a lighting equipment producing company. He is given a task to create a model to configure lamp items. In this model, Oscar plans to determine the pedestal dimensions depending on the shade diameter and lamp height. The shade diameter is selected by the user in the Product Builder configuration form. The lamp height cannot be selected by the user, it is a standard item height specified in the Items form. Oscar needs to retrieve information about the height of the item being configured for further use in setting up the dimension calculation. How can he retrieve this information?

- A - Create a Table modeling variable and use it in the Code node.
- B - Create a BOM identification System variable.
- C - Create a Table node.
- D - Create a Formula validation rule.

Answer: C

Question: 31

Oscar is a Process Engineer responsible for creating product models. He plans to create a model for a configurable lamp. Oscar needs to implement the lamp power calculating on the basis of bulb number and power. Which node type should he use to implement such calculation?

- A - Case node
- B - Switch node

- C - Table node
- D - Simple node

Answer: D

Question: 32

Oscar is a Process Engineer responsible for creating product models. His task is to create a model for a table lamp. The modeling tree of this model is set up to calculate the lamp height on the basis of the user input in the Product Builder configuration form. If the calculated height is more than 50 cm, Oscar wants to inform the user of this. How can he inform the user that the lamp height is more than 50 cm?

- A - Create a Message node of the Information type.
- B - Create an Action validation rule and type the appropriate information message on the Message tab.
- C - Create a Modeling variable of the Text type and make it display the lamp height.
- D - Create a help text informing users about the lamp height.

Answer: A

Question: 33

What do the modeling tree nodes handle?

- A - choices the user can make when configuring items
- B - calculations performed after the user makes choices in the Product Builder configuration form
- C - BOMs and routes used for creating a BOM and route for the model
- D - messages displayed to the user in the Product Builder configuration form

Answer: B, C

Question: 34

When is the modeling tree executed?

- A - after clicking Configure line in the Sales order form
- B - after clicking OK in the Product Builder approval form
- C - after clicking Generate BOM & Route in the Product Builder approval form
- D - after clicking OK in the Product Builder configuration form

Answer: D

Question: 35

Which sub nodes are automatically assigned to a new IF node in the modeling tree?

- A - IF nodes automatically get three sub nodes: a THEN node, an ELSE node, and a Message node.
- B - IF nodes automatically get two sub nodes - a THEN node and an ELSE node. You can then

manually insert the third Default node.

C - IF nodes automatically get two sub nodes - a THEN node and an ELSE node.

D - THEN node is automatically added to the IF node. If you need an ELSE node too, you must insert it manually.

Answer: C

Question: 36

What is the purpose of the Look up tab in the Table node form?

A - On this tab you can select any Microsoft Dynamics AX table.

B - On this tab you can browse records in the table specified on the Table tab.

C - On this tab you can specify key values that are to be used to select a specific record from the table specified on the Table tab.

D - On this tab you can select from which table fields the data should be fetched.

Answer: C

Question: 37

Oscar is a Process Engineer responsible for creating product models. He is given a task to create a model for a configurable shade. When configuring this shade, the user is to select the shade type: round, square, or triangle. Depending on the users choice for the shade type, Oscar wants to determine which frame item to use. How can he implement selecting a frame item depending on the shade type?

A - Create an IF node.

B - Create a validation rule of the Action type.

C - Create a modeling variable of the Enumerated text type.

D - Create a Switch node.

Answer: D

Question: 38

Oscar is a Process Engineer responsible for creating product models. His task is to create a lamp product model. In this model, Oscar needs to implement calculating the material consumption for the lamp on the basis of the lamp dimensions specified by the user in the Product Builder configuration form. How can Oscar implement such calculation?

A - Create a Switch node.

B - Create a FOR node.

C - Create a Table node.

D - Create a Code node.

Answer: D

Question: 39

What can you do with a message node?

- A - Display information to the user while your product model code is executed.
- B - Send error and warning messages to the user while your product model's code is executed.
- C - Make the user respond to questions during the configuration process.
- D - Generate electronic mail that can be sent to the user's Microsoft Outlook inbox.

Answer: A, B

Question: 40

Which node types can have a Document handling subnode?

- A - only BOM and Route nodes
- B - BOM nodes, Route nodes, and Default nodes
- C - any nodes except BOM and Route nodes
- D - any node types

Answer: A

Question: 41

Oscar is a Process Engineer responsible for maintaining product models used for configuring lamps. He is given a task to modify one of the models. It is necessary to give the user an opportunity to select whether a lamp is fluorescent or not. So Oscar creates the Fluorescent check box in this models Product Builder configuration form. Depending on the users choice for this check box, Oscar needs to set up an appropriate bulb item allocation in the modeling tree. How does he implement the item allocation?

- A - Creates a Formula validation rule.
- B - Creates an IF node.
- C - Creates an Action validation rule.
- D - Creates a Table node.

Answer: B

Question: 42

Oscar is a Process Engineer responsible for creating product models. He is given a task to create several models for different lamp items. In these models, Oscar needs to calculate the duration of battery functioning. It must be based on the number of bulbs, bulb power, and battery type. How can Oscar implement such calculation?

- A - only by programming the calculation in a Microsoft Dynamics AX class, and including it in each relevant product model by means of a Class variable
- B - only by programming the calculation in a Code node and then copying the node to each relevant product model
- C - either by programming the calculation in a Microsoft Dynamics AX class or the calculation in a Code node and including them into each relevant product model

D - you cannot handle complex calculations in the Product Builder module

Answer: C

Question: 43

Susan is an Order Processor in a lighting equipment producing company. When taking orders for modeling enabled items, she always configures these items. Susan wants the Product Builder configuration form to automatically appear after she selects a modeling enabled item in the order line. How can Susan make this form appear automatically, without clicking Configure line?

A - Click Product model -> Configured item in the Sales order form.

B - Select the Autostart configuration check box in the Items form. You must select this check box for each modeling enabled item.

C - Set this up in the Options form for each product model. This option is model-controlled.

D - Set this up on the Display tab of the Product Builder parameters form.

Answer: B

Question: 44

What happens if you select Always in the Reuse configurations field of the Product Builder parameters form?

A - You are always informed about similar existing BOMs and routes.

B - Similar existing BOMs and routes are always reused. The first found similar configuration is used.

C - Similar existing BOMs and routes are always ignored.

D - It is a must to reuse similar existing BOMs and routes. A dialog box where you can select which configuration to use is always shown.

Answer: B

Question: 45

Susan is an Order Processor in a lighting equipment producing company. She asks one of the IT department employees to create a price combination in one of the product models so that customers are granted a discount if they select plastic as a shade material. After the work is done, Susan wants to set up a sales price to be automatically calculated. How does she set this up?

A - She selects the Automatic price calculation check box in the Parameters form.

B - She cannot set up automatic price calculation when using the price combinations.

C - She does not need to set up automatic price calculation. The sales price is always calculated automatically when using the price combinations.

D - She selects the Autostart configuration check box in the Items form.

Answer: C

Question: 46

What is the purpose of the Configured item button available in the Sales order form?

- A - to view and modify the product model used for the current item configuring
- B - to view existing configurations and select them for reusing
- C - to view available product models and select a model for the current item configuring
- D - to view variable setup for the item after configuring it in the order line

Answer: D

Question: 47

Susan is an Order Processor responsible for taking orders from customers. One of her company rules is to always create a new BOM for each item configured in the order or quotation lines. Susan's task is to set up the Microsoft Dynamics AX to never reuse existing configurations for currently configured items. How should she set up the Microsoft Dynamics AX?

- A - Set up new item numbers generation in the Generate items and dimensions form.
- B - Create a Constraint validation rule with Coded condition.
- C - Select Never in the Reuse configurations field of the Product Builder parameters form.
- D - Select the Mandatory configuration check box in the Items form.

Answer: C

Question: 48

How can you make the items configurable by the Product Builder?

- A - Any BOM item is automatically enabled for configuring with the Product Builder.
- B - Select the Modeling enabled check box in the Items form.
- C - Specify a product model for these items in the Items form.
- D - Attach the item to a group of modeling enabled items.

Answer: B

Question: 49

What determines the view and functioning of the Product Builder configuration form?

- A - variable groups, modeling variables, user profiles, current application level
- B - variable groups, modeling and calculation variables
- C - variable groups, modeling variables, user profiles, validation rules
- D - variable groups, modeling variables, modeling tree

Answer: C

Question: 50

Where can you configure modeling enabled items?

- A - only in orders and quotations
- B - only in sales orders, purchase orders, and production orders
- C - in sales orders, purchase orders, production orders, quotations, and item requirements
- D - in all the sales-related functionality (sales orders, sales quotations, and item requirements)

Answer: C