

B

Review Questions with Answers

Chapter 1: Review questions

1. An ERP system such as NAV 2013 includes a number of functional areas. Which of the following are part of NAV 2013? Choose four. **a, b, d, e**
 - a. Order Processing
 - b. Human Resources
 - c. Computer Aided Design (CAD)
 - d. Inventory Control
 - e. General Accounting
2. New functionality in NAV 2013 includes (choose three). **a, c, d**
 - a. Assembly Management
 - b. Filtering
 - c. Copy and Paste with Excel
 - d. Enhanced charting
 - e. SQL Server database
3. What are the seven NAV 2013 object types?
Table, Page, Report, Codeunit, XMLport, Query, MenuSuite
4. NAV 2013 includes support for publishing objects as Web Services. True or False? **True**

5. NAV 2013 development is done in the C/SIDE IDE and Visual Studio 2010.
True or False? **True**
6. The C/AL programming language is similar to which other language?
Choose one. **d**
 - a. COBOL
 - b. Java
 - c. PHP
 - d. Pascal
7. The Work Date can only be changed by the System Administrator.
True or False? **False**
8. All NAV objects except XMLports can contain C/AL code.
True or False? **False**
9. Match the following table types and descriptions for NAV.

a. Journals	1) Audit trail
b. Ledgers	2) Validation process
c. Register	3) Invoice
d. Document	4) Transaction entries
e. Posting	5) History

a - 4, b - 5, c - 1, d - 3, e - 2
10. Which of the following describe NAV 2013? Choose two. **a, d**
 - a. Object based
 - b. C# IDE
 - c. Object oriented
 - d. Customizable
 - e. Includes a Storefront module
11. Field number increments in a Table design default to what? Choose one. **b**
 - a. 10
 - b. 1
 - c. 64
 - d. 100
 - e. 10000

12. The "home page" for a NAV 2013 User is called what? Choose one. **d**
- a. Role Home
 - b. Home Center
 - c. Main Page
 - d. Role Center
13. A List Page, not a Card Page, is the initial page that a user sees when the users access any data table. True or False? **True**
14. Page Previews from the Development environment can be used for data entry and maintenance. True or False? **False**
15. Visual Studio 2010 is used in NAV 2013 for what work? Choose one. **b**
- a. Report data definition
 - b. Report layout
 - c. Role Center design
 - d. Query processing
16. Codeunits are the only NAV 2013 objects that can contain functions. True or False? **False**
17. Query output can be used as a Data Item for Reports. True or False? **False**
18. What object number range is available for assignment to customer-specific objects? Choose two. **b, d**
- a. 20-500
 - b. 50000-60000
 - c. 150000-200000
 - d. 50000-99999
 - e. 10000-100000
19. XMLports can only process XML formatted data. True or False? **False**
20. NAV 2013 Reports are often generated automatically through the use of a Wizard. True or False? **False**

Chapter 2: Review questions

1. Which of the following is a correct description of a table in NAV 2013?
Choose two. **a, d**
 - a. A NAV table is the definition of data structure
 - b. A NAV table includes a built-in data entry page
 - c. A NAV table can contain C/AL code but that should be avoided
 - d. A NAV table should implement many of the business rules of a system
2. Tables can have up to 1000 data fields with a maximum total record size of 8 GB? True or False? **False** (up to 500 data fields)
3. Table numbers intended to be used for customized table objects should only range between 5000 to 9999. True or False? **False** (it's 50000 to 99999)
4. Which of the following are Table triggers? Choose two. **a, d**
 - a. OnInsert
 - b. OnChange
 - c. OnNewKey
 - d. OnRename
5. All primary keys should contain only one data field. True or False? **False**
6. NAV table design in the product always ensures referential integrity for all parent–child table relationships when a record is deleted. True or False? **False**
7. Keys can be enabled or disabled in executable code. True or False? **True**
8. SumIndexFields can be used to calculate totals. True or False? **True**
9. The DropDown display on a field lookup in the RTC can be changed by modifying the table's Field Groups True or False? **True**
10. Temporary tables can be saved in a special database storage area. True or False. **False**

11. Table Permissions (for access to another table's data) include which of the following permissions. Choose three. **a, c, d**
 - a. read
 - b. sort
 - c. delete
 - d. modify

12. Which of the following tables can be modified by Partner developers? Choose three. **a, c, d**
 - a. Customer
 - b. User
 - c. Date
 - d. Item Ledger Entry

13. The TableRelation property allows a field in one table to reference data in another table. True or False? **True**

14. Tables can be created or deleted dynamically. True or False? **False**

15. SQL Server for NAV supports SIFT by which mechanism? Choose one. **c**
 - a. SQL SIFT indexes
 - b. SQL Dynamic Indexes
 - c. SQL Indexed Views
 - d. SIFT not supported in SQL

16. Ledger data in NAV can be freely updated through either posting routines or direct data entry. True or False? **False**

Chapter 3: Review questions

1. The maximum length for a C/AL field or variable name is 250 characters long. True or False? **False (the maximum is 30 characters)**
2. Which property is used to support the multi-language feature of NAV? Choose one. **b**
 - a. Name
 - b. CaptionML
 - c. Caption
 - d. LanguageRef
3. The Table Relation property defines the reference of a data field to a table.
4. The related table data field must be: (choose one). **c**
 - a. In any key in the related table
 - b. Defined in the related table, but not in a key
 - c. In the primary key in the related table
 - d. The first field in the primary key in the related table
5. The ExtendedDataType property supports designation of all but one of the following data types, displaying an appropriate action icon. Choose the one not supported. **c**
 - a. E-mail address
 - b. Website URL
 - c. GPS location
 - d. Telephone number
 - e. Masked entry
6. Which of the following are Field Triggers? Choose two. **b, d**
 - a. OnEntry
 - b. OnValidate
 - c. OnDeletion
 - d. OnLookup
7. It is important to have a consistent, well planned approach to field numbers, especially if you plan to use the TransferFields function. True or False? **True**

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8. Which of the following are complex data types? Choose three. **a, c, e**
 - a. Records
 - b. Strings of text
 - c. DateFormula
 - d. DateTime data
 - e. Objects
 9. Every table must have a Primary Key. A Primary Key entry can be defined as unique or duplicates allowed, based on a table property. True or False? **False**
 10. FlowField data is not stored in the NAV table data. True or False? **True**
 11. The following two filters are equivalent. True or False? **False**
 - (X* | ?K3* | 12??5)
 - (?K3*) or (12??5) or (X*)
 12. Limit totals apply to FlowFilters. True or False? **True**
 13. Field Filters and Limit totals cannot both be used at the same time. True or False? **False**
 14. All Data Types can be used to define data both in tables or in working storage. True or False? **False**
 15. Which one of the following is not a FlowField Method? **c**
 - a. Count
 - b. Max
 - c. Median
 - d. Exist
 - e. Average
 16. FlowFilters are not stored in the database. True or False? **True**

Chapter 4: Review questions

1. Once a Page has been developed using the Page Wizard, the developer has very little flexibility in the layout of the Page. True or False? **False**
2. The Address Bar in the Role Tailored Client is display only and cannot be used for navigation. True or False? **False**

3. Actions appear on the Role Center screen in several places. Choose two. **b, d**
 - a. Address Bar
 - b. Ribbon
 - c. Filter Pane
 - d. Navigation Pane
 - e. Command Bar
4. The Filter Pane includes **Show results - Where** and **Limit totals to** options. True or False? **True**
5. RTC Navigation Pane entries always invoke which one of the following page types? **c**
 - a. Card
 - b. Document
 - c. List
 - d. Journal/Worksheet
6. All page design and development is done within the C/SIDE Page Designer. True or False? **True**
7. Two Activity Buttons are always present in the Navigation Pane. Which two? **b, d**
 - a. Posted Documents
 - b. Departments
 - c. Financial Management
 - d. Home
8. Inheritance is the passing of property definition defaults from one level of object to another. If a field property is explicitly defined in a table, it cannot be less restrictively defined for that field displayed on a page. True or False? **False (it will default to the original property definition, but can be changed)**
9. Which of the following are true about the control property Importance? Choose two. **a, c**
 - a. Applies only to Card and CardPart pages
 - b. Cannot affect FastTab displays
 - c. Has three possible values: Standard, Promoted, and Additional
 - d. Applies to Decimal fields only

10. Generally, all of the development work for a Card or List page can be done using the appropriate Wizard. True or False? **False**
11. FactBoxes are delivered as part of the standard product. They cannot be modified nor can new FactBoxes be created. True or False? **False**
12. The Page Preview tool can be used as a "drag and drop" page layout design tool. True or False? **False**
13. Some field control properties can be changed dynamically (as the object executes). Which ones? Choose three. **a, c, e**
 - a. Visible
 - b. Multiline
 - c. Editable
 - d. DecimalPlaces
 - e. HideValue
14. GridLayout Group Type is designed to support Excel interfacing. True or False? **False**
15. Ribbon tabs and menu sections are predefined in NAV and cannot be changed by the developer. True or False? **False**

Chapter 5: Review questions

1. Reports are fixed displays of data extracted from the system, designed only for hardcopy output. True or False? **False**
2. Queries can be designed to directly feed the Visual Studio Report Designer. True or False? **False**
3. Within the Visual Studio Report Designer, we can define calculations on table data or can define literals for display on a report. True or False? **True**
4. NAV Report data flow includes a structure that provides for "child" DataItems to be fully processed for each record processed in the "parent" DataItem. What is the visible indication that this structure exists in a report Dataset Designer form? Choose one. **b**
 - a. Bold font
 - b. Indentation
 - c. Linking

5. NAV 2013 Queries can generate OData, CSV files and are Cloud compatible. True or False? **True**
6. A report that only does processing and generates no printed output can be defined. True or False? **True**
7. Report DataItem and Query DataItem structures are similar but Reports have more structure options. True or False? **True**
8. The following are properties of Queries. Choose two. **a, c**
 - a. TopNumberOfRows
 - b. FormatAs
 - c. OrderBy
 - d. FilterReq
9. NAV 2013 uses two Report Designers. Reports can be created using either one by itself. True or False? **False**
10. Which of the following are NAV 2013 Report Types? Choose three. **a, b, c**
 - a. List
 - b. Document
 - c. Invoice
 - d. Posting
11. Queries cannot have multiple DataItems on the same indentation level. True or False? **True**
12. Reports can be set to ProcessingOnly status dynamically by C/AL code. True or False? **False**
13. Which of the following are defined in the C/SIDE Report Designer? Choose three. **a, c, d**
 - a. DataItems
 - b. Field display editing
 - c. Request Page
 - d. Database updating
14. NAV 2013 reports can be run for testing directly from the Visual Studio Report Designer with an *Alt + R*. True or False? **False**

15. Group properties are used to control the display of data in a Parent – Child relationship in Visual Studio Report Designer layouts. True or False? **True**
16. Queries are used to support what items? Choose two. **a, c**
 - a. Charts
 - b. Pages
 - c. Cues
 - d. Data Sorting
17. Most reports can be initially created using the Report Wizard. True or False? **False**
18. Interactive capabilities available after a report displays include what? Choose two. **b, c**
 - a. Font definition
 - b. Data Show/Hide
 - c. Sorting by columns
 - d. Data filtering

Chapter 6: Review questions

1. All NAV objects can contain C/AL code. True or False? **False**
2. All NAV object development work starts from the Object Designer. True or False? **True**
3. What object type has a Wizard to "jump start" development. Choose one. **a**
 - a. Page
 - b. XMLport
 - c. Table
 - d. Report
4. If an object type has a Wizard, you must start with the Wizard before proceeding to the object Designer form. True or False? **False**

5. In what formats can objects be exported? Choose two: **a, b**
 - a. fob
 - b. text
 - c. .NET
 - d. XML
 - e. gif
6. Which object export format should be used to transmit updates to client sites? Choose one. **a**
 - a. fob
 - b. text
 - c. .NET
7. Object numbers and names are so flexible that you can (and should) choose your own approach to numbering and naming. True or False? **True**
8. Whenever possible, the controlling logic for managing data should be resident within the tables. True or False? **True**
9. Which setting defines how parameters are passed to functions, whether parameters are passed by reference or by value? Choose one. **c**
 - a. DataType
 - b. Subtype
 - c. Var
 - d. Value
10. When an `ERROR` statement is executed, the user is given the choice to terminate processing, causing rollback, or to ignore the error and continue processing. True or False? **False**
11. Choice of the proper version of the `FIND` statement can make a significant difference in processing speed. True or False? **True**
12. When a function is needed for a customization, it is always better to create your own in your custom code than to call an existing function that exists in standard code. True or False? **False**

13. Properties on objects, controls, fields, etc. are only used for controlling output display attributes. True or False? **False**
14. When you are working in the Object Designer, changing C/AL code, the Object Designer automatically backs up your work every few minutes so you don't have to do so. True or False? **False**
15. C/AL code cannot be inserted into the RDLC generated by the Visual Studio Report Designer. True or False? **True**
16. Which of the following are not Relational Operators? Choose two. **b, d**
 - a. <
 - b. MOD
 - c. IN
 - d. OR
 - e. =
17. When the CONFIRM function is used, a user response is required. True or False? **True**
18. Filter Wildcards include which three of the following? **a, c, e**
 - a. ?
 - b. ::
 - c. *
 - d. ^
 - e. @
19. All C/AL Assignment statements include the symbol := . True or False? **True**
20. C/AL code must be indented properly to work properly. True or False? **False**

Chapter 7: Review questions

1. Documentation cannot be integrated into in-line C/AL code. True or False? **False**
2. The TESTFIELD function can be used to assign new values to a variable. True or False? **False**

3. The C/AL Symbol Menu can be used for several of the following purposes. Choose three. **a, b, d**
 - a. Find applicable functions
 - b. Paste highlighted entries directly into code
 - c. Test coded functions
 - d. Use entries as a template for function syntax and arguments
 - e. Translate text constants into a support language
4. The VALIDATE function can be used to assign new values to a variable. True or False? **True**
5. The WORKDATE value can be set to a different value from the System Date. True or False? **True**
6. Which three of the following are valid date related NAV functions? **a, b, c**
 - a. DATE2DWY
 - b. CALCDATE
 - c. DMY2DATE
 - d. DATE2NUM
7. An Average FlowField requires two of the following. Which two? **a, d (an Average FlowField gives a decimal result)**
 - a. A record key
 - b. SQL Server database
 - c. A SumIndexField
 - d. A Decimal variable
8. Which of the following functions should be used within a report OnAfterGetRecord trigger to end processing just for a single iteration of the trigger? Choose one. **d**
 - a. EXIT
 - b. BREAK
 - c. QUIT
 - d. SKIP

9. Which of the following formats of `MODIFY` will cause the table's `OnModify` trigger to fire? Choose one. **b**
- a. `MODIFY`
 - b. `MODIFY(TRUE)`
 - c. `MODIFY(RUN)`
 - d. `MODIFY(READY)`
10. `SETRANGE` is often used to clear all filtering from a single field. True or False? **True**
11. `RESET` is used to clear the current sort key setting from a record. True or False? **True**
12. Which of the following is *not* a valid C/AL flow control combination? Choose one. **b**
- a. `REPEAT - UNTIL`
 - b. `DO - UNTIL`
 - c. `CASE - ELSE`
 - d. `IF - THEN`
13. Which function should be used to cause FlowFields to be calculated? Choose one. **b and c**
- a. `CALCSUMS`
 - b. `CALCFIELDS`
 - c. `SETAUTOCALCFIELDS`
 - d. `SUMFLOWFIELD`
14. The `REPEAT - UNTIL` looping structure is most often used to control data reading processes. True or False? **True**
15. A `CASE` statement structure should never be used in place of a nested `IF` statement structure. True or False? **False**
16. A `FILTERGROUP` function should not be used in custom code. True or False? **False**

Chapter 8: Review questions

1. In NAV, data can be entered into Journals, edited and then Posted to the Ledgers or, if the user is very careful, can be entered directly into the Ledger. True or False? **False**
2. Role Center pages can contain actions in the Cue Groups, in the Navigation Pane, and in the Action Ribbon. True or False? **True**
3. The Action items for the Departments button come from what source? Choose one. **c**
 - a. Action Menu entries
 - b. Cue Group definitions
 - c. MenuSuite objects
 - d. Navigation Pane objects
4. Once a Role Center layout has been defined by the Developer, it cannot be changed by the users. True or False? **False**
5. In the Role Tailored Client, XMLports can be used to process a variety of text file formats in addition to XML formatted files. True or False? **True**
6. XMLports must be run from a Codeunit object in the Role Tailored Client. True or False? **False**
7. Software external to NAV that accesses NAV Web Services must be dot NET code. True or False? **False**
8. Action Ribbons can be modified in which three of the following ways? **a, c, d**
 - a. C/Side changes in the Action Designer
 - b. Dynamic C/AL code Configuration
 - c. Implementer/Administrator Configuration
 - d. User Personalization
 - e. Application of a profile template
9. XMLports cannot contain C/AL code. All data manipulation must occur outside of the XMLport object. True or False? **False**

10. Web services are an industry standard interface defined by the World Wide Web Consortium. True or False? **True**
11. An action can appear in multiple places in a Role Center, for example, in the Home button of the Navigation Pane, in the Action Ribbon and in a Cue Group. True or False? **True**
12. Role Centers can have several components. Choose two. a, c
 - a. Activity Pane
 - b. Browser Part
 - c. Cues
 - d. Report Review Pane
13. Web Services are a good tool for publishing NAV to be used as a public retail sales system on the web. True or False? **False**
14. A Cue is a shortcut to a filtered list supported by a field in a Cue table. True or False? **True**
15. New System Parts can be created by a NAV developer using C/SIDE tools. True or False? **False**
16. Most implementations should be able to install the Role Centers that provided as part of the standard system with little or no configuration changes. True or False? **False**
17. All Web Service data interfaces require the use of XML data files. True or False? **True**
18. An XMLport can only deal with a single Table. True or False? **False**
19. The default **PromotedActionCategoriesML** includes which two of the following? **b, d**
 - a. Page
 - b. Report
 - c. Standard
 - d. New

Chapter 9: Review questions

1. Which of the following defines the Client Add-in feature?
Choose one. **b**
 - a. The ability to add a new client of your own design to NAV 2013
 - b. A tool to provide for extending the Role Tailored Client User Interface behavior
 - c. A special calculator feature for the RTC client
 - d. A new method for mapping Customers to Contacts
2. The Help files for NAV cannot be customized by Partner or ISV developers.
True or False? **False**
3. Custom C/AL code is not allowed to call functions that exist in the base Microsoft created NAV objects. True or False? **False**
4. When planning a new NAV development project, it is good to focus the design on the data structure, required data accesses, validation and maintenance. True or False? **True**
5. The developer cannot affect the way that "Locking" occurs in a NAV database. True or False? **False**
6. Which one of the following provides access to several libraries of functions for various purposes widely used throughout the NAV system?
Choose one. **d**
 - a. Codeunit 412 – Common Dialog Management
 - b. Codeunit 408 – Dimension Management
 - c. Codeunit 396 – NoSeriesManagement
 - d. Codeunit 1 – Application Management
7. Customized NAV systems cannot be upgraded to new versions.
True or False? **False**
8. Which of the following are good coding practices? Choose three. **a, b, d**
 - a. Careful naming
 - b. Good documentation
 - c. Liberal use of wildcards
 - d. Design for ease of upgrading

9. NAV's multi-language capability allows for an installation to have multiple languages active for users at one time. True or False? **True**
10. The Navigate feature can be used for which of the following?
Choose three: **a, b, d**
 - a. Auditing by a professional accountant
 - b. User analysis of data processing
 - c. Reversing posting errors
 - d. Debugging
11. You can enhance the Navigate function to include new tables that have been added to the system as part of a modification. True or False? **True**
12. The NAV 2013 Debugger runs as a separate session. True or False? **True**
(not as a Business Session visible in the Sessions list, but as a separate session that allows it to be freely attached to or detached from Business Sessions while continuing to be active)
13. The C/Side Testing tools allow the implementation of regression tests. True or False? **True**
14. NAV does not support linked SQL Server databases. True or False? **False**
15. Client Add-ins must be written in what language? Choose one: **c**
 - a. C#
 - b. VB.NET
 - c. Any .NET language
 - d. C/AL.NET
16. The NAV 2013 Debugger allows the value of Watched Variables to be changed in the middle of a debugging session. True or False? **False**
17. The C/Side Testing tools support which of the following?
Choose four. **a, b, c, e**
 - a. Positive testing
 - b. Negative testing
 - c. Automated testing
 - d. C# test viewing
 - e. TestIsolation (roll-back) testing

18. COM object integration is not supported by NAV 2013. True or False? **False**
19. NAV 2013 includes a very flexible multi-currency feature which allows transactions to begin in one currency and conclude in a different currency. True or False? **True**
20. NAV 2013 modifications should always be delivered to customers in the form of text files. True or False? **False**