



# February Question Bank - Exams With answers

**Prep 3 Language**  
**Mrs/Eman Mesalam**

**2024**




## Put (√) or (X)

- 1 Variable data is data that does not fall under the category of numeric or literal data ( )
- 2 A constant or variable can be called a String ( )
- 3 The name of the constant or variable must start with a letter or integer. ( )
- 4 The range of stored values of type Short, Integer allows the storage of decimals ( )
- 5 The range of values stored in a constant of type Single is from (0 to 255) ( )
- 6 A constant or variable may not contain underscores ( )
- 7 Declaring a constant starts with the Const command ( )
- 8 Stores whose values can change while the program is running are called constants ( )
- 9 The name of the constant or variable is allowed to be a reserved word in Visual Basic ( )
- 10 The Visual Basic language is characterized by the fact that it handles different types of data ( )
- 11 The Visual Basic language is characterized by dealing with different types of data ( )
- 12 All data entered into a Visual Basic program is temporarily stored in the computer's memory. ( )
- 13 All data that is stored in memory takes up the same amount of space ( )
- 14 A good programmer optimizes the storage space in the computer's memory. ( )
- 15 The student's name is categorized as miscellaneous numeric data ( )
- 16 The value of the student's gender is categorized as logical miscellaneous data ( )



- 17 The student's picture can be categorized as literal data ( )
- 18 Each data stored in the computer's memory occupies a certain amount of storage space and range depending on the type of data ( )
- 19 The Const command is used to declare variables ( )
- 20 The Const command is used to declare a constant ( )
- 21 Constants in Visual Basic are stores in the computer's memory that change as the program runs ( )
- 22 Constants in Visual Basic are stores in the computer's memory and do not change as the program proceeds ( )
- 23 Each data type has a way of being stored in the computer's memory Ram ( )
- 24 The Single data type falls under the integer data type ( )
- 25 Integer is a literal data type ( )
- 26 A constant that takes the value True Or False is of type Short ( )
- 27 A constant that takes the value True Or False is of type Boolean ( )
- 28 The name of a variable should preferably reflect its content ( )
- 29 The variable name starts with a letter or an integer number ( )
- 30 A variable can be named Single ( )
- 31 The variable name may not contain an underscore ( )
- 32 The assignment can be a property value or an arithmetic expression ( )
- 33 (VbCrLf is a reserved word used to create a new line ( )
- 34 The following assignment statement is incorrect: A+B=110 ( )
- 35 Variable declaration is the naming of the variable and the type of statement ( )
- 36 Use quotation marks (" ") when writing date or time values ( )
- 37 Variables in Visual Basic are stores in computer memory that have a name and a type ( )

-  38 Declaring a variable in Visual Basic means specifying its name and data type ( )
- 39 Declaring variables is a matter of formality because Visual Basic helps rationalize the use of computer memory. ( )
- 40 Variable declaration starts with the word Dim ( )
- 41 The following sentence Dim F\_Name As String declares a variable with the name String and type F\_Name ( )
- 42 Next sentence Dim F\_Name As String to declare a variable with the name F\_Name and type String ( )
- 43 The value of a variable usually changes while the program is running ( )
- 44 The value of the variable is fixed and cannot be changed while the program is running ( )
- 45 The assignment statement consists of two ends separated by a dash ( )
- 46 The assignment statement consists of two ends separated by an equal sign ( )
- 47 The left-hand side of the assignment statement is the variable ( )
- 48 The right-hand side of the assignment statement is the value ( )
- 49 The left side of the assignment statement is a variable or constant ( )
- 50 The term Rem refers to the form window ( )
- 51 The term Me refers to the form window ( )
- 52 Rem is used to write notes within the code that can be referenced when needed and is not translated ( )
- 53 Rem is used to write notes within the code that can be referenced when needed and are translated ( )
- 54 Runtime Errors occur when arithmetic or logical expressions are incorrectly formulated and produce erroneous results ( )
- 55 Logic Errors occur when assigning a value smaller or larger than the allowed range for the type of statement being used ( )
- 56 The / symbol is the allocation parameter in vb.net ( )



- 57 An error in the result of an equation is a Logic Error ( )
- 58 The assignment statement  $N=4$  means to store the number 4 to the content of the variable N ( )
- 59 An error in the result of an equation is considered a Syntax Error ( )
- 60 The final value of the variable X after executing the following equation  $X=3+2*4$  is (11) ( )
- 61 The final value of the variable X after executing the following equation  $X=3+2*4$  is (20) ( )
- 62 55City is an incorrect variable name because it starts with a number ( )
- 63 55City is a valid variable name ( )
- 64 It is not necessary to adhere to the rules of the programming language when writing program code ( )
- 65 The scope of using variables and constants is determined by where they are declared in the vb.net language ( )
- 66 The IDE does not allow grammatical and syntactic errors in the code window ( )
- 67 To prioritize arithmetic operations, addition and subtraction must precede multiplication and division ( )
- 68 To deal with data in the computer's memory, Ram must be assigned a specific name. ( )
- 69 The word AI\_Faez is a reserved word in the computer's memory that is not used when naming variables. ( )
- 70 It is necessary to adhere to the rules of the programming language when writing the program code ( )
- 71 Correlation coefficient & is used to separate one variable from another ( )



## Choose the correct answer:

1- All of the following constant names are incorrect except .....

a- TaxRate25

b- Spend. Money

c. Double

2- Limits of values stored in a constant of type Byte .....

a. Any number of characters

b. Zero to 255

c. One character

3- The declaration of a constant starts with the command .....

a- As

b- Dim

c- Const

4- The name of the constant starts with .....

a - underscore

b - letter

c - both A and B

5- The nature of the data stored in a Boolean variable is .....

a - True

b - False

c - Both (A and B)

6- All data entered into a computer is stored in .....

a. Memory (Ram)

b. Memory (Rom)

c. Hard disk

7- The constant name ..... is considered a valid name in terms of VB.NET naming conventions

a- 20AB18

b- AB2018

c- AB.2018

8- A numerical constant that takes integer values from 0 to 255 is of type .....

a- Byte

b- Integer

c- String

9- Constant of type ..... Used to store numbers that contain fractions

a- Char

b- Integer

c- Single

10- Constant of type ..... Used to store integers

a - Char

b - Integer

c - Single

11- Constant of type ..... Used to store literal data

a- String

b- Integer

c- Single

12- Variables are declared using the ..... command

a- Const

b - As

c - Dim

13- The variable name starts with .....

a- underscore

b- letter

c - both A and B

14 -All variable names are correct except .....

a- 2011year

b- FirstName

c- Ahmed200

15- A variable of type ..... is used to store the student's date of birth

a- Single

b- Boolean

c- Date

16- Data ..... Data that does not fall under the category of numeric or literal data

a- Numeric Decimal

b- Miscellaneous

c- Literal

17- ..... A two-party sentence with an = symbol

a- Scoping

b- Declaring constants

c- Assigning

18 -..... Assigning a value to a variable, constant, or controller property

a- Variable name

b- Assignment statement

c- Constants

19- The right-hand side of the assignment statement is where .....

a- Value

b- Property

c- Variable

20- The left-hand side of the assignment statement is the location of .....

a- Value

b- Variable name

c- Range of variables

21- After executing the following arithmetic expression ( $A=4+2*3$ ), the value of A is .....

a- 18

b- 10

c - 12

22- The reserved word ..... refers to the current form window

a - Me

b – End

c - Rem

23- Reserved word used to create a new line .....

a- Me

b- vbCrlf

c- End

24- ..... can be used can be used as an incorrect variable name in terms of variable naming rules

a - all the previous

b- vbCrlf

c - Dim

25- The final value of the variable (X) after executing the following equation  $X = 3 +$

$2 * 4$  is .....

a - 11

b - 10

c - 9

26- The value of stationery prices can be categorized as .....

a. Integer

b. Non integer

c. Miscellaneous

27- The value of course names can be categorized .....

a. Correct numeric

b. Incorrect numeric

c. Literal

28- An error that occurs while writing code in vb.net is called .....

a- Syntax Error

b- Logic Error

c- Runtime Error

29- The error that appears after running a program in VB.Net is called .....

a- Syntax Error

b- Logic Error

c- Runtime Error

30 -The error in the output of running a VB.Net code is called .....

a. Syntax Error

b. Logic Error

c. Runtime Error

31- Lines that start ..... in the code window are called notes that the compiler neglects when translating the code

a- Me

b- As

c- Rem

32 -If the value of a constant or variable is a literal, it is written between

a- ()

b- " "

c- ##

33- If the value of the constant or variable is a date or time, it is written between two signs

a- ()

b- " "

c- ##

34 -Correlation coefficient ..... It is used to separate one variable from another

a- ()

b- &

c- ##

35-..... tag Used as a parameter for the customization command in Visual Basic

a- ##

b- &

c- =



## Exam (1)

### 1- Put (✓) or (X)

- 1 The reserved word (VBCrlf) is used to create a new line ( )
- 2 (Char) is a type of digital data ( )
- 3 Language errors are errors in the general formula of language commands ( )
- 4 The VB.Net language is characterized by dealing with different types of data ( )
- 5 Anything written after Rem is not considered code and is ignored when executing the program ( )

### 2- Choose the correct answer:

1. To store invalid data we use variables of type .....  
(Single - Date- Short)
- 2- Variable ..... Takes the values True or False  
(Double - Date - Boolean)
- 3- In case of errors ..... The code executes without giving any error messages even though the value is incorrect  
(spelling and grammar - during operation - logical)
- 4- If the value of the constant ..... is enclosed in quotation marks " "  
(logical - literal - time or date)
- 5- The final result of the variable X for the equation ( $X=3+2*4$ ) is .....  
(11 - 14 - 20)



## Exam (2)

### 1- Put (√) or (X)

- 1 An error in the result of calculating an equation is considered a Syntax Error ( )
- 2 All types of data that are stored in the computer's memory occupy the same storage space ( )
- 3 One of the rules for naming constants and variables is that the name of the variable must start with a letter or number ( )
- 4 The Const command is used to declare constants ( )
- 5 The # operator is used to join two literal strings together ( )

### 2- Complete the following using words between brackets

#### (Dim - Constant - Variable - Runtime - Comments)

- 1- When advertising ..... A value must be assigned to it when it is advertised
- 2- The left-hand side of the personalization sentence is the name of ..... or the name of the constant
- 3- Variables are declared with the word .....
- 4- The Rem command is used to type ..... in the code window
- 5- Errors ..... Occurs when assigning a value greater than the range of the data type used



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**Mrs/Eman Mesalam**

**Answers**

**2024**



## Put (√) or (X)

- 1 Variable data is data that does not fall under the category of numeric or literal data (√)
- 2 A constant or variable can be called a String (X)
- 3 The name of the constant or variable must start with a letter or integer. (X)
- 4 The range of stored values of type Short, Integer allows the storage of decimals (X)
- 5 The range of values stored in a constant of type Single is from (0 to 255) (X)
- 6 A constant or variable may not contain underscores (X)
- 7 Declaring a constant starts with the Const command (√)
- 8 Stores whose values can change while the program is running are called constants (X)
- 9 The name of the constant or variable is allowed to be a reserved word in Visual Basic (X)
- 10 The Visual Basic language is characterized by the fact that it handles different types of data (√)
- 11 The Visual Basic language is characterized by dealing with different types of data (X)
- 12 All data entered into a Visual Basic program is temporarily stored in the computer's memory. (√)
- 13 All data that is stored in memory takes up the same amount of space (X)
- 14 A good programmer optimizes the storage space in the computer's memory. (√)
- 15 The student's name is categorized as miscellaneous numeric data (X)
- 16 The value of the student's gender is categorized as logical miscellaneous data (√)



- 17 The student's picture can be categorized as literal data (X)
- 18 Each data stored in the computer's memory occupies a certain amount of storage space and range depending on the type of data (✓)
- 19 The Const command is used to declare variables (X)
- 20 The Const command is used to declare a constant (✓)
- 21 Constants in Visual Basic are stores in the computer's memory that change as the program runs (X)
- 22 Constants in Visual Basic are stores in the computer's memory and do not change as the program proceeds (✓)
- 23 Each data type has a way of being stored in the computer's memory Ram (✓)
- 24 The Single data type falls under the integer data type (X)
- 25 Integer is a literal data type (X)
- 26 A constant that takes the value True Or False is of type Short (X)
- 27 A constant that takes the value True Or False is of type Boolean (✓)
- 28 The name of a variable should preferably reflect its content (✓)
- 29 The variable name starts with a letter or an integer number (X)
- 30 A variable can be named Single (X)
- 31 The variable name may not contain an underscore (\_) (X)
- 32 The assignment can be a property value or an arithmetic expression (✓)
- 33 (VbCrLf is a reserved word used to create a new line (✓)
- 34 The following assignment statement is incorrect: A+B=110 (✓)
- 35 Variable declaration is the naming of the variable and the type of statement (✓)
- 36 Use quotation marks (" ") when writing date or time values (X)
- 37 Variables in Visual Basic are stores in computer memory that have a name and a type (✓)

- 38 Declaring a variable in Visual Basic means specifying its name and data type (✓)
- 39 Declaring variables is a matter of formality because Visual Basic helps rationalize the use of computer memory. (X)
- 40 Variable declaration starts with the word Dim (✓)
- 41 The following sentence Dim F\_Name As String declares a variable with the name String and type F\_Name (X)
- 42 Next sentence Dim F\_Name As String to declare a variable with the name F\_Name and type String (✓)
- 43 The value of a variable usually changes while the program is running (✓)
- 44 The value of the variable is fixed and cannot be changed while the program is running (✓)
- 45 The assignment statement consists of two ends separated by a dash (X)
- 46 The assignment statement consists of two ends separated by an equal sign (✓)
- 47 The left-hand side of the assignment statement is the variable (X)
- 48 The right-hand side of the assignment statement is the value (✓)
- 49 The left side of the assignment statement is a variable or constant (✓)
- 50 The term Rem refers to the form window (X)
- 51 The term Me refers to the form window (✓)
- 52 Rem is used to write notes within the code that can be referenced when needed and is not translated (✓)
- 53 Rem is used to write notes within the code that can be referenced when needed and are translated (X)
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- 57 An error in the result of an equation is a Logic Error (X)
- 58 The assignment statement  $N=4$  means to store the number 4 to the content of the variable N (✓)
- 59 An error in the result of an equation is considered a Syntax Error (✓)
- 60 The final value of the variable X after executing the following equation  $X=3+2*4$  is (11) (✓)
- 61 The final value of the variable X after executing the following equation  $X=3+2*4$  is (20) (X)
- 62 55City is an incorrect variable name because it starts with a number (X)
- 63 55City is a valid variable name (✓)
- 64 It is not necessary to adhere to the rules of the programming language when writing program code (X)
- 65 The scope of using variables and constants is determined by where they are declared in the vb.net language (✓)
- 66 The IDE does not allow grammatical and syntactic errors in the code window (X)
- 67 To prioritize arithmetic operations, addition and subtraction must precede multiplication and division (X)
- 68 To deal with data in the computer's memory, Ram must be assigned a specific name. (✓)
- 69 The word AI\_Faez is a reserved word in the computer's memory that is not used when naming variables. (X)
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- 71 Correlation coefficient & is used to separate one variable from another (✓)



## Choose the correct answer:

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4- The name of the constant starts with .....

a - underscore

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c - **both A and B**

5- The nature of the data stored in a Boolean variable is .....

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6- All data entered into a computer is stored in .....

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## Exam (1)

### 3- Put (√) or (X)

- 1 The reserved word (VBCrlf) is used to create a new line ( √ )
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- 3 Language errors are errors in the general formula of language commands ( √ )
- 4 The VB.Net language is characterized by dealing with different types of data ( √ )
- 5 Anything written after Rem is not considered code and is ignored when executing the program ( √ )

### 4- Choose the correct answer:

1. To store invalid data we use variables of type .....  
(Single - Date- Short)
- 2- Variable ..... Takes the values True or False  
(Double - Date - Boolean)
- 3- In case of errors ..... The code executes without giving any error messages even though the value is incorrect  
(spelling and grammar - during operation - logical)
- 4- If the value of the constant ..... is enclosed in quotation marks " "  
(logical - literal - time or date)
- 5- The final result of the variable X for the equation ( $X=3+2*4$ ) is .....  
(11 - 14 - 20)



## Exam (2)

### Put (✓) or (X)

- 1 An error in the result of calculating an equation is considered a Syntax Error (X )
- 2 All types of data that are stored in the computer's memory occupy the same storage space (X )
- 3 One of the rules for naming constants and variables is that the name of the variable must start with a letter or number (X )
- 4 The Const command is used to declare constants (✓ )
- 5 The # operator is used to join two literal strings together (X )

### 4- Complete the following using words between brackets

(Dim - Constant - Variable - Runtime - Comments)

- 1- When advertising **Constant** A value must be assigned to it when it is advertised
- 2- The left-hand side of the personalization sentence is the name of **Variable** or the name of the constant
- 3- Variables are declared with the word **Dim**
- 4- The Rem command is used to type **Comments** in the code window
- 5- Errors **Runtime** Occurs when assigning a value greater than the range of the data type used