



KERALA STATE RUTRONIX

VB & VB.Net

Question Code

D2

Date : 12/08/2012

Time : 2 hours

(PGDCA/PDCA [DCA -Old Scheme])

9.30am To 11.30am

Maximum Marks : 100

Note: Write the answers for Questions from 1 to 30 in the MCQ answer sheet

Part - I Choose the most appropriate answer

(15 x 1 Mark = 15 Marks)

- 1)is used to join strings in VB.NET.
a) + b) & c) Both a & b d) None of these
- 2) A form is the first interface that appears on the screen in VB.NET.
a) Startup b) Active c) Main d) Primary
- 3) VB.NET comment starts with
a) // b) /* c) * d) '
- 4) Which is not a legal return value for MsgBox?
a) vbOK b) vbCancel c) vbExit d) vbAbort
- 5) Which of the following is the correct way to increment the value of variable P by one?
a) P++ b) P+=1 c) ++P d) P=+1
- 6)will make program to exit Do Loop.
a) Exit Do b) ExitDo c) Exit d) ExitLoop
- 7) The ability to define properties, methods or procedures that have the same name but use different data types is called
a) Exception handling b) Overloading c) Overriding d) None of these
- 8) Which of the following is the correct way to obtain the number of elements in the array given below?
Dim a() as integer={31,32,40,20,39,78}
a) a.getmax b) a.highest(0) c) a.max(0) d) a.length
- 9) The VB filenames haveextension.
a) .VBP b) .vb c) .vbr d) None of these
- 10) Which operator has the highest order of precedence in arithmetic expressions?
a) Multiplication b) Addition c) Exponentiation d) Modulus
- 11) In VB, Short cut key to run the program is
a) F5 b) F6 c) F7 d) F8
- 12)is the shortcut for menu editor in VB.
a) Ctrl+C b) Ctrl+E c) Ctrl+D d) Ctrl+T
- 13) In VB.Net, textbox enables to accept data in a specific format like date, time, currency etc.
a) Masked b) Multi c) Rich d) None of the these
- 14) Image controls hold a graphic, which is assigned to the property in VB?
a) Image b) Text c) Picture d) Caption
- 15) What would be the result of Val (Text1.Text), if we enter 45.567m in the textbox Text1?
a) 45.567 b) 45.5 c) 46 d) Run-Time Error

Part - II Fill in the blanks

(15 x 1 Mark = 15 Marks)

- 16) To save the current record to a database method is used.
- 17)function returns the string converted to lower-case.
- 18) By default, all VB graphic measurements are in
- 19)keyword refers the current instance of an object.
- 20)function is used to display current date & time in VB.

- 21) While creating a menu using a menu editor, we can use asymbol to make hotkey character.
- 22) The null value can be checked usingfunction.
- 23) The storage size of Boolean isBytes.
- 24)control raises an event at regular intervals.
- 25) Each if statement must be terminated bystatement.
- 26)function is used as conditional operator in VB.NET.
- 27) Classes derived from base class are called
- 28)loop always execute atleast once.
- 29)statements are used to declare variables.
- 30)window lists all the forms which make up the VB project.

Part - III Give expansion for the following

(10 x 1 Mark = 10 Marks)

- 31) ODBC
- 32) SDI
- 33) DML
- 34) DBMS
- 35) COM
- 36) SQL
- 37) OLE
- 38) ADO
- 39) IDE
- 40) BCNF

Part - IV Answer the following (Any Ten)

(10 x 5 Marks = 50 Marks)

- 41) Write the VB/VB.NET program to print the months when the number of month is entered through textbox (eg: January=1) Using Select.....Case
- 42) Explain any three mouse events in VB.
- 43) Write down the syntax of For....Next loop and explain with an example to print even numbers less than 20.
- 44) Modules in VB.NET.
- 45) Any five string functions in VB.
- 46) Write the VB/VB.NET program to print ten natural numbers using WhileWend
- 47) Draw the diagram of Microsoft.Net Framework.
- 48) Explain the difference between ByRef and ByVal.
- 49) Explain Key Design Goals for .NET frame work.
- 50) Explain anomalies in database.
- 51) Logical operators in VB.net
- 52) Write a VB program to find the factorial of N number.
- 53) Describe the difference between Overloading and Overriding.
- 54) Write a VB.NET application for input 3 numbers through text box and find biggest number using IF().

Part - V Answer the following (Any One)

(1 x 10 Marks = 10 Marks)

- 55) Explain core object of .NET frame work data provider.
- 56) Explain different types of Data Models.
- 57) Write the VB.NET code to add new records to an existing table named 'Product' in a Database named **Shop** The data to be inserted is obtained from a Form as shown in the picture.

The image shows a screenshot of a Windows form titled "Add Record". The form has a light gray background. At the top, there is a title bar with the text "Add Record". Below the title bar, there are three text boxes arranged vertically. The first text box is labeled "Product Name", the second is labeled "Price", and the third is labeled "Tax". Each text box has a small icon to its left. Below the text boxes, there is a button labeled "Add Record".

58) Read the table and answer the following questions

ProductID	ProductName	Price	Tax
20012	Ginger	705	10%
20013	Garlic	256	6%
20014	Potato	285	9%
20015	Onion	250	6%

The structure and a few rows of a data table are shown above

Write SQL Queries for

- To add a new record (assume suitable values)
- To delete the record with ProductID=20014
- List all products having a tax of 6%
- To revise the price of product having ProductID 20013 to 300
- Count the number of products having tax 6%
- To change the product name in the second record to 'Green Chilly'.
- To list product names in ascending order.
- To change all ProductName to UPPER CASE.
- To add one more column named **ID** as Primary Key and make it Auto-increment
- Change the table name to 'Hypermarket'

