

## KERALA STATE RUTRONIX VB & VB.Net



(PGDCA/PDCA [DCA -Old Scheme])

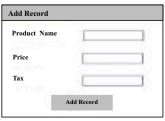
Date: 12/08/2012 Time: 2 hours 9.30am To 11.30am Maximum Marks: 100

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

Part - I	Choose the most app	ropriate answer		(15 x 1 Mark = 15 Marks)		
1)	is used to join					
.,	a) +	b) &	c) Both a & b	d) None of these		
2)	•	rst interface that appears of	· · · · · · · · · · · · · · · · · · ·	d) None of these		
۷,	a) Startup	b) Active	c) Main	d) Primary		
3)	VB.NET comment starts		c, man	a, many		
-	) //	b) /*	c) *	d) ′		
	Which is not a legal retu	, ·	ζ,	u,		
',	a) vbOK	b) vbCancel	c) vbExit	d) vbAbort		
5)	Which of the following is	-				
3,	a) P++	b) P+=1	c) ++P	d) P=+1		
6)	will make prog	·		2.,		
0,	a) Exit Do	b) ExitDo	c) Exit	d) ExitLoop		
7)	•	· ·		•		
7)	The ability to define properties, methods or procedures that have the same name but use different data types is called					
	a) Exception handling		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?					
٠,	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 have .		3,4,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,	a, aag		
-,	a) .VBP	dy. (d	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					
,	a) Ctrl+C	b) Ctrl+E	c) Ctrl+D	d) Ctrl+T		
13)			n a specific format like date, tim			
13)	a) Masked	b) Multi	c) Rich	d) None of the these		
14)			the property in VB?	,		
,	a) Image	b) Text	c) Picture	d) Caption		
15)	•		enter 45.567m in the textbox Te			
,	a) 45.567	b) 45.5	c) 46	d) Run-Time Error		
Part - I	l Fill in the blanks	(15 x 1 Mark = 15 Marks)				
16)	To save the current reco	d to a database	method is used.			
17)	function return	ns the string converted to I	ower-case.			
		measurements are in				
		the current instance of an				
		d to display current date &				

<ul><li>21) While creating a menu using a menu editor, we can use a</li><li>22) The null value can be checked usingfunction.</li></ul>	ymbol to make hotkey character.
23) The storage size of Boolean is	
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	of month is entered through textbox (eg:
January=1) Using SelectCase	
42) Explain any three mouse events in VB.	
43) Write down the syntax of ForNext loop and explain with an examp	le 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 Whi	eWend
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.



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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

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