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End Sem(IV) — IT (CC – 9)

2022

Time: 3 hours

Full Marks: 60

Candidates are required to give their answers in their own words as far as practicable.

The figures in the margin indicate full marks.

Answer from both the Groups as directed.

Group – A

Answer all questions.

1. Choose the correct answer of the following:

 $1 \times 10 = 10$

- (a) VB, NET was developed by:
 - (i) SUN MICROSYSTEM COMPANY
 - (ii) MICROSOFT COMPANY
 - (iii) DENNIS RITCHIE
 - (iv) KEN THOMPSON

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(Turn over)

(b)	VB.	NET is successor of :	
	(i)	C	
	(ii)	Срр	
	(iii)	Visual Basic	
	(iv)	None of these	
(c)	The	first version of VB.NET (VB.NET	7.0)
	was	developed in the year of:	
	(i)	2002	
	(ii)	2007	
	(iii)	1998	
	(iv)	2010	
(d)	VB.	NET programming language is :	
	(i)	Case sensitive	
	(ii)	Not case sensitive	
	(iii)	Both (i) and (ii)	
	(iv)	None of these	
(e)	cha	r data type occupies	bytes
	mei	mory space.	*
	(i)	2	
	(ii)	4	
- 11	3/2	(2)	Contd.

(iii)	6	3:11	to v	ne :	ļ,		WW .
	-			4			
Int	ege	er da	ita t	type	occ	upies	3
byt	es i	mem	ory :	spac	е.		
(i)·	10)		181			(VI)
(ii)	4	£916)	POS	38			HA THE
(iii)	8		9.				
(iv)	6						
(g) Which of the following operator r							
inte	ger	duo.	tient	t afte	r div	sion	?
(i)	1			naar.	n lei		
(ii)	1						
(iii)	%						
(iv)	mo	bc	t be	86.4	1015	WV-sk	MIG (S)
Wh	ich	of th	e fo	llow	ng is	suse	d to display a
mes	ssa	ge bo	ox ir	VB.	NET	?	MBV (d)
(i)	Co	nfirm	nBo	X		aw.	
(ii)	Alt	erBo	X	G dw	101	baet	BOANL CO.
(iii)	Me	essag	geB	ox S	how	phed	KEW (b)
(iv)	Me	essaç	geB	ОХ			M.av
3/2				(3)			(Turn over)
	(iv) In by (i) (ii) (iv) What (ii) (ii) (iii) (iii) (iv) What (iii) (iv) (iv) (iv) (iv) (iv) (iv) (iv	(iv) 8 Integer bytes (i) 10 (ii) 4 (iii) 8 (iv) 6 Which integer (i) / (iii) % (iv) mo Which messag (i) Co (ii) Alt (iii) Me (iv) Me (iv) Me	(iv) 8 Integer day bytes mem (i) 10 (ii) 4 (iii) 8 (iv) 6 Which of the integer quo (i) / (ii) \(\) (iii) \(\) (iv) mod Which of the message before (i) Confirm (ii) AlterBox (iii) Message (iv) Message (iv) Message (iv) Message (iv) Message (iv) Message	(iv) 8 Integer data (bytes memory) (i) 10 (ii) 4 (iii) 8 (iv) 6 Which of the (integer quotient) (i) / (ii) \((iii) \) \((iii) \) \((iv) \) mod Which of the formessage box in (i) ConfirmBox (ii) AlterBox (iii) MessageBox (iv) MessageBox (iv) MessageBox	(iv) 8 Integer data type bytes memory space (i) 10 (ii) 4 (iii) 8 (iv) 6 Which of the followinteger quotient afte (i) / (ii) \(\) (iii) \(\) (iv) mod Which of the followinessage box in VB. (i) ConfirmBox (ii) AlterBox (iii) MessageBox Si (iv) MessageBox Si	(iv) 8 Integer data type occ bytes memory space. (i) 10 (ii) 4 (iii) 8 (iv) 6 Which of the following integer quotient after dividition of the following integer quotient after dividition of the following is message box in VB.NET (i) ConfirmBox (ii) AlterBox (iii) MessageBox Show (iv) MessageBox	Integer data type occupies bytes memory space. (i) 10 (ii) 4 (iii) 8 (iv) 6 Which of the following ope integer quotient after division (i) / (ii) \(\) (iii) \(\) (iv) mod Which of the following is use message box in VB.NET? (i) ConfirmBox (ii) AlterBox (iii) MessageBox Show (iv) MessageBox

	(i) Which is a property of the DataGrid Control?
٠	(i) DataSource
	(ii) DataQuery Wiles
	(iii) DataMember
	(iv) None of these
	(i) All exception classes are derived from which
	built-in class?
	(i) Exception
	(ii) Finally
	(iii) SystemException
	(iv) None of these
2.	Write True OR False: 1×5 = 5
	(a) Dim keyword is used to create variable in
SV	VB.NET.
	(b) VB.NET works only in CLI mode.
	(c) In VB.NET inherits keyword is used for
	inheritance of two classes.
	(d) Max Length is a property of ComboBox in
	VB.NET.

(e) Final() method is used to create destructor in VB.NET.

Group - B

Anser any three of the following questions:

 $15 \times 3 = 45$

- 3. What is datatype in VB.NET? Explain each type of datatype in detail with suitable example. Also write their name, size, range and how to make variable?
- What is operator in VB.NET? Explain each and every operator in detail with suitable example.
- 5. What is inheritance in VB.NET? Explain each type of inheritance with suitable example.
- What is Exception handling in VB.NET? Explain all exception handlers in detail with suitable example.
- What is database connectivity in VB.NET? Also write the program to save Records into database through Database Programming using connectivity.

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(5)

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8. Write a program in VB.NET to input two numbers through two different textbox and to display their result into another textbox. As given below.

First No.		
Socond No.		
Result		
Sum	Subtract Multiply	