CS/BCA/SEM-5/BCA-503/2010-11  2010-11  WINDOWS PROGRAMMING  Time Allotted: 3 Hours  Full Marks: 70  The figures in the margin indicate full marks.  Candidates are required to give their answers in their own words as far as practicable.  GROUP - A  ( Multiple Choice Type Questions )  1. Choose the correct alternatives for the following: 10 × 1 = 10  i) Class is a  a) Logical address b) Physical address c) Storage Device d) All of these.  ii) Encapsulation is a property of a) OPPs b) Structural language c) Both (a) & (b) d) None of these.  iii) Object is an a) Instance of a class b) Instance of a method c) Both (a) & (b) d) None of these.  iv) To register a new window class the function that we cal	Roll No. :	••••		••••
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iv) To register a new window class the function that we cal	c)	Both (a) & (b)	d)	None of these.
		egister a new window	class	the function that we cal
is		D 177 1 0		
a) Register Window ()		<u> </u>		
b) Register Class ()			σο ()	
c) Register Window Class () d) None of these.			55 ()	

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v)	In me	window t	he large	st size of	single	segment in	the	
S. Oak	a)	128 kB		<b>b</b> )	32 kB			
	c)	64 kB		d).	16 kB			
vi)	Th	e initial en	try point	in Windov	vs Progr	am is		
	a)	main ()		, , <b>b)</b>	WinMa		·	
	<b>c</b> )	WinProc	0	d)	none o	of these.		
vii)	HW	/ND is a ha	ndler of					
į	a)	Function			Andrew States			
	<b>b</b> )	Object						
	c)	Window		# 1041 				
	d)	Current i	nstance	of an appl	ication	program.		
viii)	SD	K stands fo						
	a)	Software	Develop	ment Kit				
	b)	System D	evelopm	ent Kit				
	c)	Software	Design H	<b>Cit</b>				
4.11.	d)	System D	esign Ki	<b>t.</b>				
ix)	SDI	SDI is a						
	a)	Single Dis	stance In	iterface				
1.11	<b>b</b> )	Single Do	cument	Interface				
	c)	Single Dis	stributive	Interface			•	
	d)	None of th	iese.	A Comment of the Comm				
x)	MB-	OK consta	nt is a na	arameter o	of .			

WinMain () a)

b) MessageBox ()

GetMessage () c)

GetDC (). d)

## CS/BCA/SEM-5/BCA-503/2010-11

### GROUP - B

# (Short Answer Type Questions)

		Answer any three of the following.	$3 \times 5 = 15$
2.	D	escribe message loop.	
3.	De	efine the MSG structure. What is API?	3 + 2
4.	Н	ow is DOS base programming different from w	vindows based
	pr	ogramming? What is Program Instance?	4+1
5.	W	hat is Windows menu system ? Describe brief	ly.
6.	W	nat are the different parameters in WinMain ()	function?
		GROUP - C	
		( Long Answer Type Questions )	
		Answer any three of the following.	$3\times15=45$
7.	a)	What is polymorphism?	
· ·	b)	What are common dialog boxes?	
	c)	What is resource? Discuss its components.	
	d)	Describe menu creation in a Windows.	
8.	a)	What are the different types of Windows	messages ?
		Describe them.	3
	b)	What is dialog box ? How many types of di	
		there? Describe each of them.	7
	c)	Describe system queue, application queue a	and message
	. *	loop with a diagram.	5
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9.	a)	What is nested dialog? Explain with example.	4
	b)	Explain GDI. What is MFC?	5
	c)	Explain all parameters of create window function.	6
10.	a)	What is inheritance?	2
	b)	Explain how clip board works.	5
	c)	Discuss various clip board functions.	5
	d)	Discuss the difference between Combo box and I	ist
		box.	3
11.	Wri	ite short notes on any three of the following: 3	× 5
``	a)	LOOK and FEEL	
	b)	MFC	
	c)	SDK	
	d)	Graphics objects	
i.	e)	Application Framework	

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