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				*			
		Part III —	COMP	UTER	RSCIENCE		
	( Voc	ational Com	ponent	unde	r General Stream	)	
			English V	Version	1)		
Time All	owed: 3	Hours ]			[ Maximum I	Marks: 150	
Instructio		ck the question ness, inform the	paper for Hall Super	fairnes: rvisor ii	s of printing. If there is	any lack of	
Not	e: i)	(Objective type	pe)(1 to	75 ) in	all the questions in the separate OMR Ar ven in the OMR Answe	swer Sheet	
	ii) The number of the sign ' = '( dash ) as found in the right-hand top corner of the Question Paper ( i.e., (1) or (2) or (3) or (3) or (4) should be shaded in the OMR Answer Sheet using HB Pencil.						
	iii)				uestion numbers 1 to		
	iv)	Parts - II and the main answ	III questi er-book.	ons ( 7	6 to 110) should be a	nswered in	
			PART	- I			
Cho	ose the c	orrect answer :	o) bas	lleuter	atte member variable is	75 × 1 = 75	
l. The	machine	readable form o	f a program	n is cal	led as		
A)	source c	ode		B)	object file		
C)	compiler			D)	executable file.		
The	function	that returns no	value is de	clared :	as		
A)	int			B)	char (simmon)		
C)	float			D)	void. biov		

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3000	7 14		2	
3.	Par	rameter associated with call s	atement is cal	led 1087
	A)	actual	B)	dummy
	C)	function	D)	formal.
4.	The	e function name may includ	e a set of para	ameters, enclosed in parenthesi
	sep	parated by		
	A)	: Laol	eroV de B) d	
	C)	Nextmem Max	D)	time Allowed: 3 Hours ] ::
5.	Ho	w many types of scopes are the	nere in C++?	
	A)	3	B)	5
		er all the questions in PA in the separate OMR A 4	d( l lo 75	(6. avllos(dO)
6.	Wh	ich of the following is a user		
	A)	Public		
	C)	Protected Protected		
7.	The	e members defined within the	class behave l	like which functions?
	A)	Static Wall Of Lot 97	B)	Friend
	C)	Inline	. D)	Derived.
3.	The	e static member variable is ini	ialized to	
	A)	called as	В)	The machine readable forul
	C)	2	D)	3. Source code (A
9.	The	body of the class is terminat		
	A)	, (comma)	B)	: ( colon )
	C)	· ( semi-colon )	וח	() (parenthesis)

10.	VVI	nich of the following operators can be	e overl	oaded?
	A)	Size of()	B)	A Formal - Delete - Table
	C)	++	D)	(.) membership operator.
11.	Но	w many types of databases does Star	rOffice	Base have ?
	A)	4	B)	elds't et sieled et elds't (d. 2
	C)	8	D)	5
12.	Wh	nich command is used to open StarOf	ffice B	ase?
	A)	$File \rightarrow New \rightarrow Database$	B)	New $\rightarrow$ File $\rightarrow$ Star Base
	C)	View → Database	D)	File $\rightarrow$ StarOffice Base.
13.	SQ	L means		
	A)	System Query Language		O. Den Beicklin and don Franks
	B)	Structured Query Level		
	C)	Structured Query Language		
	D)	Specific Query Language.		
14.	Whi	ich of the following is not a valid field	l type	in StarOffice Base ?
	A)	Text ( fix )	B)	Project
	C)	Time	D)	Integer.
5.	The	set of processed data is called		
	A)	Data	B)	Data Processing
	C)	Dababase	D)	Information.
6.	Whi	ch command is used to add the error?	s and	its correction in the Auto Correct
	A)	Tools → Auto Correct	B)	Tools → Auto Spell Check
	C)	Format $\rightarrow$ Spell Check	D)	Tools $\rightarrow$ Spell Correct.

17.	Wh	ich command is used to delete the s	selected	table?					
	A)	Format $\rightarrow$ Delete $\rightarrow$ Table							
	B)	$Format \rightarrow Column \rightarrow Delete$							
	C)	Format $\rightarrow$ Row $\rightarrow$ Delete				tiol(			
	D)	Table $\rightarrow$ Delete $\rightarrow$ Table.							
18.	То	move forward through the cells pres	ss						
	A)	Tab	B)	Shift + Tab					
	C)	Ctrl + Tab	D)	Alt + Tab.					
19.	The	e default left and right margins in St	arWrite	er are					
	A)	1 inch	B)	2.25 inches					
	C)	1.25 inches	D)	3.25 inches.					
20.	Dar	n Bricklin and Bon Frankston invent	.ed	justy Language					
	A)	StarOffice Calc	B)	LOTUS 1-2-3					
	C)	Quatro Pro	D)	Visi Calc.					
21.	Cor	Computer Ethics has its roots in the work of							
	A)	Donn Parker	B)	Rick Mascitti	off of the				
	C)	Bjarne Stroustrup	D)	Norbert Wiene	er.				
22.	Wh	ich enables data storage and manage	ement '	?					
	A)	Emotion containers	B)	Memo frame					
	C)	Data monitors	D)	Archive unit.					
23.	BPC	O means							
	A)	Business Process Outsourcing							
	B)	Business Process Office							
	C)	Business Process Output		Auto Correct					
	D)	Business Program Output.			Poting -				

24.	Whi	ich amongst the following is compute	r crim	e?	
	A)	Telemedicine	B)	Call centre	
	C)	Cracking	D)	e-Banking.	
25.	Ten	commandments of Computer Ethics	was v	written by	
	A)	Computer Ethics Institute		A) Inheritance	
	B)	AT & T Bell Laboratory		C) Polymorphism	
	C)	Microsoft Corporation			
	D)	Sun Micro Systems.			
26.		C++ the ability of an object to responded as		ifferently to different message	es is
	A)	Inheritance	B)	Polymorphism	
	C)	Object	D)	Encapsulation.	
27.	Whi	ch of the following is an object orient	ed pro	ogramming?	
	A)	C++	B)	A Comparer Bases Turker	
2	C)	BASIC	D)	FORTRAN.	
28.	Whe	ere was C++ developed ?		C) Computer Based Teach	
	A)	AT & T Bell Lab	B)	Microsoft	
	C)	Sun Micro System	D)	Apple.	
29.	Valu	ne of 1 + Pow (3, 2) is			
	A)	7 .4 (0	B)	6	
	C)	10 contractor young you make suche	D)	13. Hollows with wall	
30.	Whi	ch are also called variables ?			
	A)	String Literals	B)	Tokens	
	C)	Identifiers	D)	Keywords.	

D)

B)

D)

37. How many explicit argument(s) is/are taken by binary operators overloaded

4.

Two

Six.

C)

A)

C)

One

Three

through a member function?

38.	Whi	ich of the following has n	o return ty	pe and	cannot be over	oaded?	
	A)	Constructor		B)	Destructor		
	C)	Function		D)	Operator.	Ipsortio	
39.	The	memory space is allocat	ed to an ol	oject usi	ng		
	A)	Constructor		B)	Destructor		
	C)	Overloading		D)	Function.		
40.	The	destructor is prefixed by	y which ch	aracter	?		
	A)	#		B)	&		
	C)	% amog 45		D)	~		
41.	File	s in quicktime format ha	ve the exte	nsion		mby 08	
	A)	.qtf		B)	.mov		
	C)	.qft in		D)	.swf		
42.	Snd	l format was developed b	y				
	A)	Apple		B)	IBM		
	C)	MPEG		D)	Microsoft.		
43.	Whi	ich technique is used to				a new im	age?
	A)	Rendering		B)	Warping		
	C)	Morphing		D)	Animating.		
44.	Fre	quency is also called as					
	A)	Pitch		B)	Crest		
	C)	Sampling		D)	Sound.		
45.	GIF	is limited to how many p	palettes?				
	A)	16 bit		B)	8 bit		
	C)	32 bit	(0	D)	64 bit.		

46	. In	StarOffice V	Writer the flas	hing ver	tical bar is	called			
	A)	Pointer			B)	Marker			
	C)	Insertion	Point		D)	Key.			
47.	. W	hich key is cument?	used to m	ove the	insertion	point to	the beginni	ng of	the
	A)	Home		(d. )	B)	Ctrl + Ho	ome and a second		
	C)	Page up			D)	Shift + Ta	ab.		
48.	An	inch is equa	ıl to						
	A)	75 points			B)	74 points			
	C)	80 points			D)	72 points	en quicktime		
49.	w	nich is a deco	orative Font ?						
	A)	Times New	Roman		B)	Fajita		(0)	
	C)	Wingdings			D)	Symbol.			
50.	Wh	ich key is us	sed to select t	he spell	ing check o	dialog box	?		
	A)	F6			В)	F7			
	C)	F5		inaliz sa	D)	F4.			
51.	Wh		is used to rel			fice Calc ?			
	A)					1			
	C)	&	Authorita		D) ·	^			
52.	Whi	ich is a type	of query in S	tarOffice	Base ?				
	A)	Table	Crest		В)	Forms			
	C)	Filter				Report.		0	
53.	Eac	h column in	StarOffice Ba	se table		•			
	A)	File		*		Table			
	C)	Field	- 316, 84			Record.			

54.	Wh	nich database is primaril	y used on M	ainfran	ne Computer	?	
	A)	Flat File		B)	Relational		
	C)	Hierarchical		D)	Object orie	ented.	
55.	Wh	nich of the following is no	ot a step in I	Data Pr	ocessing?		
	A)	Collection		B)	Network		
	C) <sub>.</sub>	Verification		D)	Validation.		
56.	Hov	w many types of storage	specifiers a	re there	e in C++ ?		
	A)	3		B)	2		
	C)	5		D)	4.		
57.	Whi	ich of the following is cal	lled the inse	rtion o <sub>l</sub>	perator ?		
	A)	<< * aborton		B)	>>		
	C)	> Jonjaci		D)	<		
58.	A p	reprocessor directive sta	rts with				
	A)	Objects >	(8)	B)	#		
	C)	Attributes.		D)	>>		
59.	Whi	ch of the following is cal	led exit-chec	k loop	?		
	A)	dowhile		B)	for		
	C)	while		D)	quitab		
60.	Whie	ch statement would exit	the current	loop?			
	A)	Break		B)	Continue		
	C)	Quit Manager		D)	Exit.		

61.	Whi	ich of the fo	llowing is cal	led as literal	s?		ch databasu is	54
	A)	Strings			B)	float		
	C)	int			D)	char.		
62.	The	size of arra	ay should alw	ays be				
	A)	negative			B)	positive		
	C)	float			D)	double.		
63.	The	array subs	cripts always	commence	from			
	A)	one			B)	two		
	C)	three			D)	zero.		
64.	Dat	a members	are called as					
	A)	attributes			B)	methods	<b>X</b> >>	
	C)	class			D)	object.		
65.	In C	C++ the clas	s variables a	re known as				
	A)	Members			B)	Objects		
	C)	Methods			D)	Attribute	es.	
66.							ansition effects	can
	be a	ittached to	a slide ?					
	A)	Custom an	nimation		B)	Slide trai	nsition	
	C)	Animation	effects		D)	Slide sor	ter.	
67.	The	keyboard s	hortcut to cre	eate a new p	resent	ation usin	g template is	
	A)	Ctrl + N			B)	Ctrl + F	+ N	
	C)	Alt + N			D)	Shift + C	trl + N.	

68.	Which view allows to create and	edit slides ?
	A) Notes	B) Handouts
	C) Normal	D) Slide sorter.
69.	Which is used for performing cal	culations in presentation ?
	A) Insert formula	B) Insert OLE object
	C) Insert Applet	D) Insert object.
70.	Which key is pressed to start a p	presentation ?
	A) F2	B) F5
	C) F7	D) F11.
71.	Default format for date in StarOf	fice Calc is
	A) dd/mm/yy	B) mm/dd/yy
	C) mm/yy/dd	D) yy/mm/dd.
72.	In StarOffice Calc the formula sta	arts with
	A) \$	В) &
	C) =	D) !
73.	Which is the default type of cell a	address used by StarOffice Calc?
	A) Relative cell addressing	B) Absolute cell addressing
	C) Primary cell addressing	D) Relational cell addressing.
74.	Which is the most commonly use	
,	A) SQRT()	B) SUM()
	C) AVERAGE()	D) POW()
75.	Which symbol is used to make a	
	A) !	в) *
	C) \$	D) &

89.

## PART - II

Answer any twenty questions in one or two sentences each: How to change line spacing in StarOffice Writer? 77. How to insert page numbers in the footer area? 78. Differentiate between relative cell addressing and absolute cell addressing. 79. Can we change the data present in a cell? If so, how? Define (i) Record, (ii) Field in StarOffice Base. 80. Write a note on filter and its types in Database. 81. 82. Define Warping. Expand and explain: 83. i) **MPEG** ii) 84. How to change slide background? What is meant by custom animation? 85. 86. Define object. 87. Write a note on conditional operator in C++. Write a note on Type cast. 88.

List the important purposes of void data type.

- 90. What is meant by association in C++?
- 91. List the types of scope rules of variables in C++.
- 92. Write a note on array of strings.
- 93. Write in brief about types of array.
- 94. Define data abstraction.
- 95. Write the general form of class declaration.
- 96. How are functions invoked in function overloading?
- 97. When is copy constructor executed?
- 98. Write a note on multilevel inheritance.
- 99. What is meant by call center?
- 100. Define piracy.

## PART - III

Answer any seven of the following questions in five to ten sentences each:

 $7 \times 5 = 35$ 

- 101. How to select the required portion of the text in a document?
- 102. Write in detail about how to change margins using page style dialog box?
- 103. Explain how to generate series of values in StarOffice Calc, with suitable example.

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- 104. How to insert rows, columns and cells in Worksheet?
- 105. Explain how to insert cell Calc range into text document?
- 106. Explain for loop with suitable example.
- 107. Explain call by value method with suitable example.
- 108. Define function overloading. List the rules for function overloading.
- 109. Debug the following C++ program:

```
#include<iostream.h>
  class A
  private ;
  int al ;
  public :
  int a2;
  protect :
  int a3;
  ) ;
  class A : public B
  public :
  void func()
  int b1; b2; b3;
  b1=a1;
b2=a2 ;
  b3=a3;
  } ;
  void base( )
  B der ;
 der:a3=0;
  a3:func();
```

## 110. Write the output for the following C++ program :

```
#include<iostream.h>
#include<comio.h>
float area(float r)
{
cout << "\nCircle..";
return(22/7*r*r);
float area( float k, float b, float h)
cout << "\nTriangle..";
return(k*b*h);
float area(float 1, float b)
{
cout << "\nRectangle..";
return(1*b);
void main( )
cout << area (3.0,4.5);
cout << area (5.0);
cout << area (0.5, 4.0, 6.0);
getch();
}
```

return (kings)