Question Paper Sl. No.

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			Part III —	COMPU	LER	SCIENCE
			t Super:	(English Ve	rsion	O Mainframe
ime Allo	wec	1:31	Hours]			[Maximum Marks : 150
Note B Malilla		i) ii)	(Objective ty supplied. (R) The number top corner of the c	ype) (1 to 7 efer instruction of the sign of the Question	ons given Pap	the separate OMR Answer Sheet ven in the OMR Answer Sheet) dash) as found in the right-hand er (i.e., (1) or (2) (4) should be shaded the pencil.
		iii)	Time allotte		ring q	uestion numbers 1 to 75 is first
		iv)	Parts - II and the main and		ons (7	76 to 110) should be answered in
			5	PART	- I	10
Ch	0056	the	correct answer	r:		$75 \times 1 = 75$
1. To	dra	w line	es and circles i	in a workshee	et click	the icon
A)	In	sert j	picture		B)	Insert special character
C)	S	how c	lraw functions		D)	Insert chart.
2. WI	nich	invol	ves data collec	ction, verificat	tion, va	alidation and report generation?
A)	D	ata			B)	Data processing
C)	D	ataba	ase	10	D)	Table.
						Trees ATAT

3.	E	ach database column represents		80%)
	A)	File	B)	Record
	(C)	· Field	D)	Character.
4.	In	which Computers Hierarchical Da	tabase	structures were used ?
	A)	Mini	B)	Micro .
	C)	Mainframe	D)	Super.
5.	Но	ow many field types are there in Sta	arOffice	e base ?
	A)	17	B)	13
	C)	15	D)	20.
6.	Th	e mechanism by which the data as	nd fund	ctions are bound together within an
	A)	Object	B	Encapsulation
	C)	Polymorphism) D)	Inheritance.
7.	Wh	at is the name for the process of a	cquirin	g the Base class properties ?
	A)	Inheritance	B)	Encapsulation
	C)	Function	D)	Polymorphism.
3.	Wh	ich brace is used to enclose the bo	dy of th	ne C++ program ?
	A)	0	B)	<>
	C)	(I)	D)	П
	In th	he following which defines Local va-	riable 7	
	A)	Auto	B)	Static
	C)	Extern	D)	Register.
0.	The	range of signed int data type is		CI SHOW BEEN WELL (D
	A)	- 128 to 127	B)	0 to 255
	C)	- 32768 to 32767	Dì	128 to = 127

11.	11. Which is the default access specifier in the class?				
	A)	Private	B)	Public	
	C)	Protected	D)	None of these.	
12.	Whi	ch is referred as key feature of obj	ect orie	nted programming?	
	A)	Data riding	B)	Encapsulation	
	C)	Data hiding	D)	Data members.	
13.	The	static member variable is initialize	d to	O Ling - Check	
	A)	0	B)	1 HOUR HOUR HEL	
	C)	True	D)	False.	
14.	Whi	ich access specifier is accessible by	y memb	ers of inherited class?	
	A)	Private	B)	Protect	
	C)	Protected	D)	Class.	
15.	The	functionality of '+' operator can b	oe exter	nded to strings through	
	A)	function overloading	B)	operator overloading	
	C)	inheritance	D)	class.	
16.	Pre	sentations can be created using		Which of the following is referen	
	A)	StarOfficeWriter	B)	StarOfficeCalc	
	0)	StarOfficeImpress	D)	StarOfficeBase.	
17.	Wh	nich is a word processor?	122 10.0		
	A)	StarOfficeBase	B)	StarOfficeWriter	
	C)	StarOfficeImpress	D)	StarOfficeDraw.	

B)

D) .

Range

Sheet.

A) Record

Group Water Bound

25.	Which are referred to as predefined formulae?					
	A)	Functions		B)	Charts	
	C)	Objects	10	D)	Cell address.	
26.	Whi	ch shows special views o	f the data	in a ta	ble?	
	A)	Queries		B)	Forms	
	C)	Reports	D)	D)	Filters.	
27.	Wha	at is the name of the pro	cess for joi	ning da	ata from two or more tables?	
	A)	Joining		B)	Editing	
	C)	Merging		D)	Adding.	
28.	Exp	pansion of SQL is				
	A)	Structured Query Lang	uage			
	B)	System Query Languag	e	8		
	(C)	System Query List			M + OHAR + THIS GA	
	D)	Structured Query List.				
29.	Dat	ta comes from the word		te and	Which view is allowed to crea	
	A)	Datas		B).	Datum	
	C)	Datus		D)	Datem.	
30.	Wh	nich of the following option	ns is used	to rem		.85
	A)	Remove filter		* B)	Delete filter	
	C)	Remove filter/sort		D)	Delete filter/sort.	
31.	Wh	nat will be the size of an a	array int s	ales [2		.00
	A)	24 bytes		B)	8 bytes	
	C)	16 bytes		D)	6 bytes.	
					Turn o	VCI

File - Export

Edit - HTML.

B)

D)

File - HTML

Edit - Export

40.	Whic	ch key combination is used to print	slides	in StarOffice ?
	A)	Alt + P	B)	Shift + P
	C)	Ctrl + P	D)	Shift + Ctrl + P.
41.	Whi	ch of the following cannot be overlo	aded?	
	A)	Operator	B)	Destructor
	C)	Function	D)	Constructor.
42.	The	overloaded operator must have at	least or	ne operand of
	A)	built-in type	В)	user-defined type
	C)	array	D)	derived.
43.	The	name of the constructor must be s	same as	
	A)	class name	B)	member function
	C)	object name	D)	data member.
44.	Wh	ich of the following gets executed w	when a	class goes out of a scope?
	A)	Pointer	B)	Destructor
	C) ,		D)	Member function.
45.	Wh	nich removes the memory of a	n obje	ect which was allocated by the
	cor	nstructor?		
	A)	Constructor	B)	Object
	C)	Destructor	D)	Overloading.
46.	W	nich operator returns the size of me	emory i	requirement in terms of bytes?
	A)	Pointer	B)	Size of
	C)	Void	D)	Typedef.
				Turn over

47	. W	hich statement creates branches	for m	ultiple alternative sections of cod
		pending on a value?		9 4 HA A
	A)	If-else	B)	Continue
	C)	Break	D)	Switch.
48.	Eve	ery action block in the Switch State	ement s	should be terminated with
	A)	case	B)	colon(:)
	C)	break branching and seem	D)	continue.
49.	Wh	ich is exit-check loop ?		O some meaning of the
	A)	For	B)	While
	C)	Do-while	+ D)	None of these.
50.	Mad	chine readable form of a program is	called	Senior another to
	A)	Source code	B)	Object file
	C)	Compiler	D)	Executable file.
51.	Whi	ch of the following is pressed to	resize	the column without changing the
	widt	th of the table in text document?		
	A)	Alt + Ctrl	B)	Alt
	C)	Ctrl	D)	Shift.
52.	The	command used to delete the select	ted tab	le in StarOfficeWriter is
	A)	Delete - Table	B)	Table - Delete - Table
	C)	Format - Table - Delete	D)	None of these.
53.	Marg	gins can be changed using		46. Which operator repairs he
	A)	page style dialog box	B)	ruler
	C)	both (A) and (B)	D)	table format dialog box.

54.	. In a text document, the area at the top of the page is called as						
	A)	Footer * About 64	B)	Header			
	C)	Page number	D)	None of these.			
55.	Whi	ch is the first electronic spreadshee	et?		data		
	A)	Improve	B)	VisiCalc			
	C)	Excel	D)	Lotus 1-2-3.			
56.	GIF	stands for		lues	0		
or alo	A)	Graphic Interchange Format		method any enau			
	B)	Graphic Inter Format			1308		
	C)	Graphic Interchange Form					
	D)	Group Interchange Format.		A Company of	Bo	0	
57.	Cor	nversion of analog sound waves to a	digital	format is called		EW.	
	A)	Sound forge	B)	Sampling			
	C)	Morphing	D)	Warping.			
58.	File	s in the Quick Time format have the	exten	sion			
	A)	.wmv	B)	.mov	Loc		
	C)	.wav	D)	.swf.			
59.	Wh	ich is not in the step process of crea	iting a	3D animation ?			
	A)	Modelling	B)	Moving			
	C)	Animating	D)	Rendering.			
60.	Sho	ockwave format was developed by		used for customer-s	at ifat		
	A)	Microsoft	B)	Apple \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \		14	
	C)	Macromedia	D)	IBM.			

61.	1. Statement used in C++ to display messages and result is			
	A)	print	В)	println
	C)	cout seed to scott	D)	cin.
62.	Wh	ich are the channels through which	data :	flow from the call statement to the
	fun	ection?		
	A)	Function Name	B)	Parameters
	C)	Values	D)	Return.
63.	In	which method any change in the f	ormal]	parameter is not reflected back to
	the	actual parameter?		
	A)	Call by value	B	Call by reference
	C)	Both (A) and (B)	D)	Call by function.
64.	Wh	ich function executes faster but req	uires n	nore memory space ?
	A)	Void	B)	Main
	C)	Inline	D)	Online.
65.	Whi	ich variable is defined within a block	k ?	58. Files in the Quick Time form
	A)	Local	B)	Function
	C)	File	D)	Class.
66.	Wha	at is useful in computer based educa	ation?	89: Which is not in the step pro-
	A)	CBT	B)	e-shopping
	C)	Transcription	D)	Teaching.
67.	Whi	ch is used for customer-related fund	ctions '	?
	A)	e-shopping	B)	e-banking
	C)	e-mail	D)	Call centres.

Turn over

68.	Wha	at refers to the conversion of non-dig	itai ma	terial to digital form:
	A)	Transcription	B)	Tele-medicine
	C)	Digitization	D)	Data Management.
69.	Whi	ch of the following is not an IT enab	led ser	vice?
	A)	Reservation	B)	e-Governance
	C)	Tele-medicine	D)	Data management.
70.	A se	elf-replicating program that damages	data a	and files stored on the computer is
	A)	Software	B)	Data Management
	C)	Virus	D)	e-Governance.
71.	Hov	v many destructors can be given in a	a class	? Our one or individual 383
	A)	1	B)	2 Touris not fliw wolf. 219
	C)	3	D) (o.
72.	In i	nheritance, the newly created classe	s from	the base class are
	A)	base class	B)	derived class
	C)	super class	D)	void class.
73.	Wh	ich operator is used while defining a	derive	ed class?
	A) .		B)	92. What is the purpose of sixte
	C)	#	D)	93. How will you declare two dir
74.	Acc	ess specifier is also referred to as		2 cobbardeda Risb el Bidlil. A9
	A)	derived	B)	base
	C)	visibility mode	D)	derived members.
75.	Wh	ich permits banking from the comfo	rt of th	e home by using Internet?
	A)	Call centres	B)	e-banking
	C)	e-shopping	D)	e-cards.

PART - II

Answer any twenty questions in one or two sentences each:

 $20 \times 2 = 40$

- 76. How will you correct mistakes in StarOfficeWriter?
- 77. What is the use of auto correct option?
- 78. Write the Spreadsheet applications.
- 79. What is date arithmetic?
- 80. What distinguishes information from data?
- 81. How will you copy Text and objects between StarOffice application using Dragand-drop?
- 82. What are the classifications of 2D animation?
- 83. Name the special softwares used in the multimedia content.
- 84. What is the use of slide sorter view?
- 85. How will you change slide background?
- 86. Define object.
- 87. Write the classification of Tokens.
- 88. Which operators are specific to C++?
- 89. What are pointer variables?
- 90. Write the rules for the formation of nested loops.
- 91. Define inline functions.
- 92. What is the purpose of strlen() function?
- 93. How will you declare two dimensional array?
- 94. What is data abstraction?
- 95. How are the class members accessed?
- 96. List out the operators that cannot be overloaded.
- 97. Write the functions of constructor.
- 98. What is an abstract class?
- 99. What is Medical Transcription?
- 100. Write the benefits of data digitization.

PART - III

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

 $7 \times 5 = 35$

- 101. Explain creating header and footer and adding remarks and page numbers in a text document.
- 102. Write the steps to be followed to find and replace a given text.
- 103. How will you insert rows and columns in a spreadsheet?
- 104. What are the formatting options available in StarOfficeCalc?
- 105. Explain manipulation of a database.
- 106. Explain if... and switch statements.
- 107. Write about call by value, call by reference in functions,
- 108. List the rules for overloading operators.
- 109. Write the output of the following C++ program:
 #include<iostream.h>
 #include<conio.h>
 class simple

```
private :
    int a, b ;
public :
```

a = 0 b = 0

void getdata()

cout <<"\n Welcome";

~ simple()
{
 cout<<"\n Good Bye";
}</pre>

```
cout<<"\n Values of a and b are 5 and 6";
                     a = 5; b = 6;
                void putdata()
                    cout<<"\n The two integers are"<<a<<'\t'<<b
                    cout<<"\n The sum is"<<a + b;
          };
     void main()
          simple s;
          s.getdata();
          s.putdata();
110. Debug the errors in the following C++ program:
     #include<iostream.h>
     #include<conio.h>
     class base
                                                             Lot in hot
         public
         base
              cout>>"\n Constructor";
         base()
              cout<<"\n Destructor";
    };
    class derived 2 ? public base
        public:
```

```
derived()
     cout<<"\n Derived Constructor" :
   ~ derived()
MMM. Study Guidelndia. Colf
     cout<<"\n Derived Destructor";
```

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