St. Mary's School, Pune

Date: 13/10/2021

	•/		Total Agin		
Name:	Vanin Kadapatti Roll No.: 21	Class: IX-D Subject: Computer Appl	ication		
	Computer	Applications			
		Examination 97/			
	SECTION A 10 10 97 117 98.0				
	QUESTION				
<i>a</i>)	Unary Operator	Binary Operator			
v i)	To Unary Operators are operators	i) Binary operators are operato	b		
	which are associated with	which are associated with			
	only one operand.	two operands			
ii)	Example: -= 5 tt + 5-	(ii) Example: / , %			
	7.				
1)	T. N. T. A. M. T.				
(5)	JVM stands for Java Virtual				
2	processor for interpreting and	executing Jana to type cale			
	accross across various platform.				
()	13 - Internet literal				
~ C)	(d) - character literal				
1	c) 13 - Integer Literal 'd' - Character Literal 4.7298 - Floating point literal "z" - String literal				
	- sacing acount				
d)	literals are data items which	do not chance during			
	Execution of a Ding rum Tune	on Ot literals are -			
V	literals are data items which execution of a program. Type Integer Literal, String Literal	1 - Choractor Literal ate			
	The way street	2 3 oraninaser albaniser.			

e) if(z>0) if(z>0) a= S; else a=10; QUESTION 2 double q = 1/(math.sqr(a+b)) +2/(math.pow(a,3)); m=11 2n=10 p=(n--) 1/0 4 + (m--) 1/0 2 p= 10.1.4 + 11.1.2 p= 2+1 p= 3 if (condition) //statement else //statement

St. Mary's School, Pune

Date: 3/10/2021

Vomo:	Vanin Kadapatti Roll No.: 21	Class: Ix Subject: Computer Applications
d)	Abstraction is the act of re	presenting the essential features
~	Isackaround details. Example 0	of know wan to mere man
	the mechanism that makes	(7 MOVE.
e)	100	
	QUESTION 3	
a)	if (x ==y) System. out. print (x);	
ν	else if (x < y) System out prints	
	System. out. print (y);	
(7)	== operator	= operator
a i)	== operator. It is a relational operator.	is) It is an assignment operator
	It checks it own values	ii) It assigns the right hand
	are equal or not and	side value of left hand
	returns true or false.	side variable. Example: int a=5
	Example: int a == "	Example: int x = 9
	Example: int a == 6;	

d	Implicit Convenion is the convenion of one primitive data	
	hipe he another Driville data hipe to the compiler.	
	Explicit Conversion is the conversion of one primitive data type to another primitive of data type forcefully by the programmer.	
2	data type to another primitive of data type	
	So priefully by the programmer.	
e)	i) System. out. println (Math. round (14.49));	
0.		1
ii	System. out. println (Math. abs (-1.7));	
	QUESTIONL	
10)	a=10 (== 2 (5=3)	
(2)	char Ch = (char) D:	
wii)	char Ch = (char) p; int m = (int)(;	
Œ)i	Logical From	
īi)	Logical Error	- T
	31154 2.101	
,		
d)	Different Mules of opposition	
i)	Different styles of expressing comment in a program.	
119	Single line comment: // comment	
V		
	comment 2 */	

	Constant	Expression
e	operator	Expression 21) Expression is the combination of operators and operands together:
1)	Operator is a symbol	Expression is the winds
	or a letter which performs	of operators and operation
	certain pperations and	logether.
	vields a value	9
	3	
2)	example: +, -, =	2) example: a= 5-c
	choariple. 1)	p) onesis pecis se o c
E		
		×

St. Mary's School, Pune

Date: 13/10/2021

Name	: Vanus Kadapatti Roll No.: 21 Class: 1x-D Subject: Computer Application
	Section B
97.	import java.util.";
	Dultic dass Q7
	public static void main (String[] args)
	Scanner s = new Scanner (System.in);
	double num; pos, neg, zero;
	num = s.nextDouble();
	if (num >0) { 2 System. Out. println ("Entered Number is parilive"); }
	else if (num <0) { System.out. println ("Entered number is negative"); }
	else \(\xi\) (\(\text{rum} = = 0\) \(\xi\) \(\text{System. out. printly}("\) \(\text{Entered number is zero"});\)

Data	Type			Name	Pu	upose/	Descript s input	
)	2	niable 1		Taking	num az	s input	
)	2	nable 1		Taking	num az	s input	
)	2	nable 1		Taking	num az	s input	
)	2			Taking	num az	s input	
double		num			Taking	num az	s input	us
					Scanne	er class		
								_(
								_(
					a ^{re*}			
					a ^{re*}			
					£**			
					100			
					1			
								-
-								

Date: 13/10/2021 St. Mary's School, Pune Roll No.: 21 Class: IX-D Subject: Computer Applications Jame Vanir Kadapatti \$ 69 import java util "; public class R9 Public Static void main (String args []) Scanner S= new Scanner (System. in); 9 int input, firstdig, lastdig, Sumdig, prodig; System.out. Println ("Enter a 2 digit number"); input = S. next Int(); if (input < 10 | input > 99) & Input System. out. println (Involid tout. Enter only 2 digit no.); System. exit (0); firstdig = n/10; lastdig = n./10; sumdig = firstdig + lastdig; prodia = fintdia * lastala; if ((sumdig + prodig) ==n) { System out print (n ("Entered number is a special 2 digit System. out. println (" Special typ-digit number");

else System. out. println ("Not a special * two-digit number").

Variable Description Table for Question: 9

	Date Type	Variable Name	Purpose/Description
	int	iput input	Allows the user to enter a number
			an integer.
			value of
-	int	fistdig	Stores the first digit of the variable-
1			input.
+	int	lasticia	
+	int	lastdig	Stores the value of the last digit of
-		7	the variable - input.
-		*	•
L	int	sundig	Stores the value of the sum of the
)	variables - firstdig and lastdig.
			J
	int	prodig	Stores the value of the product of
			variables - firstolig and last dig
_			description of the control
		5	

St. Mary's School, Pune Roll No.: 21 Class: 1x - Dsubject: Computer Applications Name: Vanun Kadapatti Q6. import jana. util. "; public class & Q6 public static void main (String args []) Scanner s = new Scanner (System. in); int n; System. out. println ("Enter a number"); n = snext Int(); if (n1.2 == 0 && n1.5 == 0) {
System. out. println(n+ 5 is divisible by both 2 and 5"); else if (n/2==08&n/51=0) { System. out. println(n+ "is divisible by 2 not by 5"); else if (n:1.5 = = 0 && n:1.2 1=0) {
System. out. println(n+ "is divisite ly5nd by2");

					5 63	· C	
		Variable	Description	Talde de	r Question	О	
		Data Type int	var N	riable nar	ne lo ta	Purpose and store le	/Description r from
	\dashv				- uner		
	+						
	+						
	1						
	+						
	+						
	+						
	+						
	+						
	+						
_	\vdash						
	\vdash						
H							
H							
1							
+							
+						0	
1							
1							

Date: 13/10/2021 St. Mary's School, Pune Roll No.: 21 Class: 17-D Subject: Computer Application Imme: Vanun Kadapatti Q5 import java ubil "; public class 05 public static void main (String args[]) Scanner S= New Scanner (System.in); System. out. print ("Enta 3 unequal number"); double numl, num2, num 3; System. out. println ("Enter Bunequal number"); num = S. next Downe(); num 2 = S. Rest Downe (); num 3 = S. next Double (); if (num / > num 2 & && num / > num 3) { System. out. printin ("Greater number is:" + num!); else if (num² > num! && num² > num³) {
System. out. println ("Greatest number is:" + num²); else if (num3 > num 1 & 88 num 3 > num 2) {
System. old. println ("Greatest Member is: "+ num3);

Variable Des	scription Tal	te for Question:5
Data Type	Variable Name	
int double	numi	Stores the value of the number
2,		entered by the user
intedouble	Num2	Stores the value of the 2nd number entered by the user
Extdourse	rum 33	Stores the value of the 3rd number
		entered by the user