double a, b, c; Ans: - a) NAN a = 8.0/0; ons: infinity b = 0/4.0; ans: 0 c = 0/0.0; ans: un defined that's why we get an arithmetic exception so onswer is not a number for underined? NAN. 93 & int x; ons's-a)

x=5; complation error inty=6; 8.0.9: (x+""+y); 3 S. O. P (x+""+y); In this case 18t print to statement accept the x and y values.
but 2nd print Statement doesn't have Because y is decleaned in the method and and print statement out of the method so they not have access to. scope y was timided to the block defined after initialization of x. 94 byte b=50; b=b*50 book ons :- * operator hers converted b* 50 into int, which can not be converted

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to byte without cooking

while evaluating an expression containing int, bytes or shorts the whole expression is converted to int then evaluated and the result is also of type int.

Q5 arr [] = new int[] [0,1,2,3,4,5,6, $\frac{1}{1}$, 8,9]; int n=6 m = arr [arr [n] /2]; n=.6/2 = 3 S. o.p (arr[n]/2); S.o.p (3/2) = 1

(1+ " " +x) 19 0 0

ans (b) 1)

φ6 ;= x22 y=(byhe)(x22)

ons :- e) 2560

97) int x=y=2=20;

octually & 20 is assign only in X
20 not stored in y and 7

y & 2 variable not stored a value
thats why it show compile time error

ans :- a) compile time error

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99 arred= (1,2,3,4,5)

for Cint i=0; i Larr. length - 2; ++i)

iteration 1:- i=0 625-2; 81 condition true ideration 2:- i=1 125-2; 2 true iteration 3:- i=2 225-2; 3 true i=3 325-82; 4 Felse

so for loop terminated and print 1.23

ans: - d) 123

9'10) No argument is passed to the code, the length of args is o, so the code will not print

ans a) The snippet compiles frum but does

11) Int EJXEJ = 2(1,2), (3,4,5), (6,7,8,9) } EJEJY = X 5.0.P Y P2] [1]

Both x and are pointing to the same arms

if (==1) result = fun (tn-1); 15==1)

return 1;

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if (A.5 = =1) recursion 14 if (n==1) return result = fun (5=1) 8-1=4 return 1" result= Fun (n-1) return result re turn result @ if (b==1) + if (3==1) if (2==1 Fun (8-1) Fun (2-1) fun (4-1) = 3. = 2. if (1==1 3. So mesult :is 1 return 1; 1 21 2000 Pm A 1 of too His s 197 (double X) returns the smallest whole number greater than or equal to variable x. ans :- 0 4 20] Character Min-Value refurs de smallest character value, which is of space character

ans :- b) space.

13 (1319 3 mill . 11.

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- gif byhevalue() method returns the value of warapper i as a byte value.

 i is 25t range of byte is 256 therefor i value exceeds byte range by I hence is is returned and shored in x.

 cans: c) i
- double x = 2.0

 double y = 8.0

 Math. pow (x, y)

2.0 n 3.0 = 8.0

full upl of an upl object so they print https: Il google. Com.

ons - b) https://google.com

23) Day dynamic errory which can increase and decrease its size.obj.add ('x") endes to the array element x and obj. dd add (', 'x") adds element x at index position 1 in the list. Hence obj. add (1, 'p") stores Destindex position of obj. 4 chifts the previous valle stored at that position by 1.

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Java provides the Pate class evocilable in Java Util package. This class encapsulates the current data and time

Date () This constructor initializes the object with the current date and time

ans: - 6) prints present Time and date

26) class Multithread - programming.

public static void main (string args EJ)

Thread t = Thread. current Thread ();

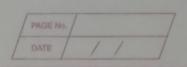
t. Set Name (" pew Thread");

System. out. println (t);

g

ans b) Thread [New Thread, 5, main]

- 27) This program was previously done by using Runnable interface here we have used Thread class. This shows both the method are equivalent, we can use any of them to create a thread. ans: b) false faste
- 30) obj. length ceal-culable the string length as well as space in between the string of program is 11



when an array is declared using new operator then all of its elements are initialized to a automatically. For loop body is executed 5 times as whenever controls come s in the loop i value is incremented twice first by it in body of loop. Then by this in a increment codition of for loop.

ans 3- ee) 0.2 4 68

memory in parts 1st row contains I element of array of row contains I element of array of row contains a elements of sord row contains gelements each element of array is given it is value in loop, sum contains addition of all the elements of the array.

34) class array-output

Public static void main Cotring args (3)

int array - variable [] [] = \$ \$1 2 3 3 84 5 6 3 87 8 938

for (int i=0; 123; ++i)

For Cint j= 0; jx3; ++j)

Sum = Sum + array-variable [i] [i]; System.out. print [n (sum 15);

ans :- b] 9

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main() method must be made public. without main() being public laver run time system will not be not be able to access main() & will not be able to execute the code.

30 the Compilation Error is raise.

Main method not found in class output please define the main method

as: public static void main (string [] args]

40) since the base case of the recursive function funcci is not defined hence infinite loop occurs and results in stack overflow.

so Exception in thread "main" Java land.
. Stack overflow Error.

ans: - d] Runtime Error

(0)