

PSEUDOCODES

Question 1

Find the output of following pseudo code for values a-10, b-6

Func (Int a, Int b)

Int tem

while(b)

temp=aMODb

a=b

b=emp

end while

return a

end-function

1)

2

3)

3

Answer: 1

2)

4

4)

1

Question 2

What will be the output if the following pseudocode if a 10 and b-6

Integer func (Integer a, Integer b)

Integer temp

while(b)

temp = a MOD b

a=b

b=temp

end while

return a

End function func()

1)

2

3)

3

Answer: 1

2)

4

4)

1

Question 3

What will be output of the following code?

#include <stdio.h>

int main()

{

int x=123;

int i={

printf("C" "++")

}

for (x=0;x<=i,x++){

printf("%x "x):

{

return 0;

1)

c++0 1 2 3

3)

c++++123

Answer: 1

2)

c+0 1 2 3

4)

c

<pre>}</pre>		
<div>Question 4</div> <div>What is the another notation for exponentiation.</div>	<div>1) *</div> <div>3) ***</div> <div>Answer: 2</div>	<div>2) **</div> <div>4) **^</div>
<div>Question 5</div> <pre>#include<stdio.h> int fun(int x, int y) int main() { int i,n; i=5 n=7 int fun(5,7); printf("%d , f); } int fun(int x, int y) } if (x,<=0) return y; else return(fun(x-1.y-1)); }.</pre>	<div>1) 0</div> <div>3) 2</div> <div>Answer: 3</div>	<div>2) 1</div> <div>4) 3</div>
<div>Question 6</div> <div>What will be the output of the following pseudo code?</div> <div>Integer x y z</div> <div>set x=24, y=8</div> <div>x=x/y</div> <div>Print z</div> <div>[Note: << is left shift operator, it takes two numbers, left shifts the bits of the first operand, the second operand</div> <div>decodes the number of...]</div>	<div>1) 2</div> <div>3) 0</div> <div>Answer: 4</div>	<div>2) 8</div> <div>4) 64</div>
<div>Question 7</div> <div>Consider the following code:</div> <div>if (condition 1){</div>	<div>1) NOT (condtion2) AND NOT (conditon3)</div>	<div>2) condition1 AND condition4 AND NOT (condition2) AND NOT (condition3)</div>

if (condition 2) { //Statement A } else if (condition 3) { //Statement B} else { //Statement C } else if (condition 4) { //Statement D} else { //Statement E} Which of the following condition will allow execution of statement A?	3) condition1 AND condition2 AND condition Answer: 3	4) NOT (condition1) AND condition2 AND NOT (condition4)
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Question 8 a symbol used for grouping	1) () 3) [] Answer: 1	2) {} 4) ""
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Question 9 Set a=6, b=3 C=2 if(b>a && a>c && c>b) b=a+1 else a= b+1 print a+b+c	1) 11 3) 5 Answer: 2	2) 9 4) run time error
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Question 10 int main() { int x=4, y=0; int z z=(y++ , y); printf("%d\n", z); return 0; }	1) 1 3) undefined behavior due to order of evaluation can be different Answer: 1	2) 0 4) compilation error
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Question 11 Find the output of following pseudocode int main() { int a=0,b-1,c-2 *((a+1=1)? &b : &a)=a? b: c; printf("%d %d, %d\n", a, b, c);	1) 0 1 2 3) 0 2 2 Answer: 4	2) 0 2 0 4) error
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<pre>return 0; }</pre>		
<p>Question 12</p> <p>What will be the output of the following code ?</p> <pre>#include<stdio.h> int main() { char c,a,b; c='f'; a='s'; b='x'; int sum=c+a+b; printf("%d", sum); }</pre>	<p>1)</p> <p>324</p> <p>3)</p> <p>320</p> <p>Answer: 4</p>	<p>2)</p> <p>315</p> <p>4)</p> <p>337</p>
<p>Question 13</p> <p>Find the output of following pseudo code:</p> <p>integer a=40, b = 35, c=20, d=10</p> <p>Comment about the output of the following two statements:</p> <pre>print a*b/c-d print a* b/(c-d)</pre>	<p>1)</p> <p>differ by 80</p> <p>3)</p> <p>differ by 50</p> <p>Answer: 1</p>	<p>2)</p> <p>same</p> <p>4)</p> <p>differ by 160</p>
<p>Question 14</p> <pre>#include<stdio.h> int main() { int n=5, k ft, f2 f if(n<2) return n; else { f1=12=1; for(k=2;k<n;k++) { f = f1 +f2 f1 = f2; f2 = f }</pre>	<p>1)</p> <p>8</p> <p>3)</p> <p>13</p> <p>Answer: 2</p>	<p>2)</p> <p>5</p> <p>4)</p> <p>7</p>

<pre>printf("%d",f); } }</pre>		
<div>Question 15</div> <div>What will be the output of the following pseudocode?</div> <div>Integer a, b, c</div> <div>Set b=5, a 2c=2</div> <div>if(b>a && a>c && c>b)</div> <div> b=a+1</div> <div>Else</div> <div> a=b+1</div> <div>End if</div> <div>Print a+b+c</div>	<div>1)</div> <div>2</div> <div>3)</div> <div>26</div> <div>Answer: 2</div>	<div>2)</div> <div>13</div> <div>4)</div> <div>5</div>
<div>Question 16</div> <div>Find the output of following pseudo code:</div> <div>int main()</div> <div>{</div> <div>int num=8:</div> <div>printf("%d %d", num << 1, num >> 1);</div> <div>return 0:</div> <div>}</div>	<div>1)</div> <div>8 0</div> <div>3)</div> <div>15 4</div> <div>Answer: 3</div>	<div>2)</div> <div>0 0</div> <div>4)</div> <div>Error : cant perform operation</div>
<div>Question 17</div> <div>What would be the output of the following pseudocode? 2024/11/27</div> <div>Integer i, j, k</div> <div>Set k=8</div> <div>for(each i from 1 to 1)</div> <div>for(each j from the value of i to 1)</div> <div>print k+1</div> <div>end for</div> <div>end for</div>	<div>1)</div> <div>2</div> <div>3)</div> <div>7</div> <div>Answer: 2</div>	<div>2)</div> <div>9</div> <div>4)</div> <div>8</div>
<div>Question 18</div> <div>integer a=60, b=35, c=-30</div> <div>What will be the output of the following two statements:</div> <div>print (a> 45 OR b> 50 AND c>10)</div> <div>print ((a> 45 OR b>50) AND c > 10)</div>	<div>1)</div> <div>0 and 1</div> <div>3)</div> <div>1 and 1</div> <div>Answer: 4</div>	<div>2)</div> <div>0 and 0</div> <div>4)</div> <div>1 and 0</div>

<p>Question 19</p> <p>_____ operator returns true, if any of the sub-condition is true.</p>	<p>1) AND</p> <p>3) NOT</p> <p>Answer: 2</p>	<p>2) OR</p> <p>4) NAND</p>
<p>Question 20</p> <p>In which of the following cases inline functions may not work? i) If the function has static variables. ii) If the function has global and register variables. iii) If the function contains loops. iv) If the following is recursive.</p>	<p>1) i, iv</p> <p>3) ii, iii, iv</p> <p>Answer: 4</p>	<p>2) iii, iv</p> <p>4) i, iii, iv</p>
<p>Question 21</p> <p>Where should default parameters appear in a function prototype?</p>	<p>1) To the rightmost end of the parameter list</p> <p>3) Anywhere inside the parameter list</p> <p>Answer: 1</p>	<p>2) To the leftmost end of the parameter list</p> <p>4) Middle of the parameter list</p>
<p>Question 22</p> <p>When we define the default values for a function ?</p>	<p>1) When a function is declared</p> <p>3) When a function is called</p> <p>Answer: 2</p>	<p>2) When a function is defined</p> <p>4) When the scope of the function is over</p>
<p>Question 23</p> <p>A labeled statement consists of an identifier followed by</p>	<p>1) ;</p> <p>3) ,</p> <p>Answer: 2</p>	<p>2) :</p> <p>4) =</p>
<p>Question 24</p> <p>Which of the following can be operands of arithmetic operators?</p>	<p>1) Numeric</p> <p>3) Characters</p> <p>Answer: 4</p>	<p>2) Boolean</p> <p>4) Both Numeric & Characters</p>
<p>Question 25</p> <p>Choose a syntax for C Ternary Operator from the list.</p>	<p>1) condition ? expression1 : expression2</p> <p>3) condition ? expression1 < expression2</p> <p>Answer: 1</p>	<p>2) condition : expression1 ? expression2</p> <p>4) condition < expression1 ? expression2</p>
<p>Question 26</p> <p>An inline function is expanded during _____</p>	<p>1) compile - time</p>	<p>2) run - time</p>

	3) never expanded Answer: 1	4) end of the program
Question 27 Which of the following feature is used in function is used in function overloading and function with default argument?	1) Encapsulation 3) Abstraction Answer: 2	2) Polymorphism 4) Modularity
Question 28 Choose a statement to use C if Else statement.	1) else if is compulsory to use with if statement 3) else or else if is optional with if statement Answer: 3	2) else is compulsory to use with if statement 4) None of the above
Question 29 The operator that takes two operators are called	1) Unary operator 3) ternary operator Answer: 2	2) Binary operator 4) None of them
Question 30 What is the result of logical or relational expressin in C?	1) True or False 3) 0 if an expression is false and any positive number if an expression is true Answer: 2	2) 0 or 1 4) None of the mentioned
Question 31 Switch statement accepts	1) int 3) long Answer: 4	2) char 4) All of the above
Question 32 What happens to a function defined inside a class without any complex operations (like looping, a large number of lines, etc)?	1) It becomes a virtual function of the class 3) It becomes an inline function of the class Answer: 3	2) It becomes a default calling function of the class 4) The program gives an error
Question 33 What is the output of the C program.?int main(){ int a=0; a=5>2 ? printf("4"):3;printf("%d",a); return0;}	1) compiler error 3) 41	2) 14 4) 0

	Answer: 3	
Question 34 Which keyword can be used for coming out of recursion?	1) return 3) exit Answer: 1	2) break 4) both A and B
Question 35 Modulus operator, %, can be applied to which of these?	1) Integers 3) Both Integers and floating - point numbers Answer: 3	2) Floating - point numbers 4) None of the mentioned
Question 36 Do logical operator in the language in the C language are evaluated with short circuit?	1) True 3) Depends on the compiler Answer: 1	2) False 4) Depends on the standard
Question 37 Using goto inside for loop is equivalent to using	1) Continue 3) Return Answer: 4	2) Break 4) None of the above
Question 38 For loop in a C program, if the condition is missing?	1) it is assumed to be present and taken to be false 3) it result in a syntax error. Answer: 2	2) it is assumed to be present and taken to the true 4) execution will be terminated abruptly
Question 39 which of the following s an invalid if-else statment>	1) if (if(a= =1)){ 3) if((char)(a)){ Answer: 1	2) if(a){ 4) if (func1(a)){
Question 40 what will be the output of the following code? void m(int k) { printf("hi"); } void m(double k)	1) Compile time error 3) hello Answer: 2	2) hi 4) hi hello

<pre> { printf("hello"); } void main() { m(3): } </pre>		
<p>Question 41</p> <p>whenever a C program is executed ,execution starts from</p>	<p>1)</p> <p>Scanf function</p> <p>3)</p> <p>Any function</p> <p>Answer: 4</p>	<p>2)</p> <p>Void function</p> <p>4)</p> <p>Main function</p>
<p>Question 42</p> <p>It is necessary to declare the type of a function in the calling program if the function</p>	<p>1)</p> <p>Both B and c</p> <p>3)</p> <p>Returns a non-integer value</p> <p>Answer: 3</p>	<p>2)</p> <p>is not defined in the same file</p> <p>4)</p> <p>None</p>
<p>Question 43</p> <p>Multiple Choice (Select 1 out of 4 options, for the question below.)</p> <p>C allows the user to use</p>	<p>1)</p> <p>One-dimensional array</p> <p>3)</p> <p>Three-dimensional array</p> <p>Answer: 4</p>	<p>2)</p> <p>Two-dimensional array</p> <p>4)</p> <p>Multi-dimensional array</p>
<p>Question 44</p> <p>what will be the output of the following java program?</p> <pre> Class Modulus{ public stataic void main(String args[]) { double a=25.64; int b=25; a=a%10; b=b%10; System.out.println(a+" "+b); } } </pre>	<p>1)</p> <p>5.6400000000000001 5</p> <p>3)</p> <p>5 5</p> <p>Answer: 1</p>	<p>2)</p> <p>5.6400000000000001 5 0</p> <p>4)</p> <p>5 5.6400000000000001</p>
<p>Question 45</p> <p>Multiple Choice (Select 1 out of 4 options, for the question below.)</p> <p>do-while loop terminals when conditional expression returns?</p>	<p>1)</p> <p>One</p> <p>3)</p> <p>Non- zero</p>	<p>2)</p> <p>Zero</p> <p>4)</p> <p>None of the above</p>

	Answer: 2	
<p>Question 46</p> <p>No of values function can return</p>	<p>1)</p> <p>2</p> <p>3)</p> <p>3</p> <p>Answer: 2</p>	<p>2)</p> <p>1</p> <p>4)</p> <p>0</p>
<p>Question 47</p> <p>what is th eoutput of a Logical OR() operation if one of the inputs/operands is false?</p>	<p>1)</p> <p>false</p> <p>3)</p> <p>true or false</p> <p>Answer: 3</p>	<p>2)</p> <p>true</p> <p>4)</p> <p>None</p>
<p>Question 48</p> <p>what is the output of the Java code snippet?</p> <p>boolean b=false;</p> <p>b=!b;</p> <p>System.out.println(b);</p>	<p>1)</p> <p>true</p> <p>3)</p> <p>Compilation error</p> <p>Answer: 1</p>	<p>2)</p> <p>false</p> <p>4)</p> <p>None</p>
<p>Question 49</p> <p>Multiple Choice (Select 1 out of 4 options, for the question below.)</p> <p>c = (n) ? a : b; can be rewritten as exp1 ? exp2 : exp3;</p>	<p>1)</p> <p>if(n){c = a;}else{c = b;}</p> <p>3)</p> <p>if(n){c = b;}else{c = a;}</p> <p>Answer: 1</p>	<p>2)</p> <p>if(!n){c = a;}else{c = b;}</p> <p>4)</p> <p>None of the above</p>
<p>Question 50</p> <p>The function that actually created from a call to a template function is called</p>	<p>1)</p> <p>Generated</p> <p>3)</p> <p>Spawned</p> <p>Answer: 3</p>	<p>2)</p> <p>Inherited</p> <p>4)</p> <p>All of the above</p>
<p>Question 51</p> <p>If switch feature is used, then</p>	<p>1)</p> <p>Default case must be present</p> <p>3)</p> <p>Default case, if used, can be placed anywhere</p> <p>Answer: 2</p>	<p>2)</p> <p>Default, if used, should be the last case</p> <p>4)</p> <p>None</p>
<p>Question 52</p> <p>which among the following is a Short Circuit OR operator?</p>	<p>1)</p> <p>&</p> <p>3)</p> <p>&&</p> <p>Answer: 4</p>	<p>2)</p> <p> </p> <p>4)</p> <p> </p>
<p>Question 53</p> <p>Multiple Choice (Select 1 out of 4 options, for the question below.)</p>	<p>1)</p> <p>1 ,2 & 3</p>	<p>2)</p> <p>1 & 4</p>

With x = 0, which of the following are legal lines of Java code for changing the value of x to 1? 1.x++; 2.x=x/1; 3.x+=1; 4.x=/1;	3) 1, 2, 3 & 4 Answer: 4	4) 3 & 2
Question 54 Decrement operator,--, decreases the value of variable by what number?	1) 1 3) 3 Answer: 1	2) 2 4) 4
Question 55 Assume the output of the following code: void main() { static int x; if(x++ < 2) main(); }	1) No output 3) Run Time Error Answer: 2	2) main() ids called twice 4) Varies
Question 56 In mathematics and computer programming, which is the correct order of mathematical operator?	1) Addition, Subtraction, Multiplication, Division 3) Multiplication, Addition, Division, Subtraction Answer: 2	2) Division, Multiplication, Addition, Subtraction 4) Addition, Division, Modulus, Subtraction
Question 57 How long the following loop runs? For(x=0; x=3;x++)	1) Three times 3) Forever Answer: 3	2) Four times 4) Never
Question 58 Multiple Choice (Select 1 out of 4 options for the question below) A pointer variable can be	1) Passed to a function 3) Returned by a function Answer: 2	2) Changed within a function 4) Can be assigned an integer value
Question 59	1)	2)

It is not advisable to use macros instead of functions because	it increases the code size	no type checking will be done
	3) recursion is not possible	4) All of the above
	Answer: 4	
Question 60 Multiple Choice (Select 1 out of 4 options for the question below) Which of the operations are supported by PHP?	1) AND 3) Not Answer: 4	2) OR Exclusive OR 4) All of them
Question 61 what is the result of logical or relational expression in C?	1) True or False 3) 0 if an expression is false and any positive number if an expression is true Answer: 2	2) 0 or 1 4) None
Question 62 Multiple Choice (Select 1 out of 4 options for the question below) Prior to using a pointer variable it should be	1) Declared 3) Both declared and Initialized Answer: 3	2) Initialized 4) none of these
Question 63 what will be the output of the following C code? #include<stdio.h> int main() { int a=10, b=5, c=3; b!=!a; c=!!a; printf("%d\t%d", b, c); }	1) 5 1 3) 5 3 Answer: 1	2) 0 3 4) 1 1
Question 64 Multiple Choice (Select 1 out of 4 options for the question below) What will be the data type returned for the following C function? #include int func() { return (double)(char)5.0; }	1) int 3) char Answer: 1	2) double 4) No output

<div>Question 65</div> <div>Assume the output of the following code:</div> <div><pre>void my =show(int *); void main() { int a=10; printf("%d",a); myshow(&a); printf("%d",a); } void my show(int *k) { *k=20; }</pre></div>	<div>1)</div> <div>10 30</div> <div>3)</div> <div>10 10</div> <div>Answer: 4</div>	<div>2)</div> <div>20 20</div> <div>4)</div> <div>10 20</div>
<div>Question 66</div> <div>Multiple Choice (Select 1 out of 4 options for the question below)</div> <div>Do logical operations in C language are evaluated with the short circuit?</div>	<div>1)</div> <div>True</div> <div>3)</div> <div>Depends on the compiler</div> <div>Answer: 1</div>	<div>2)</div> <div>False</div> <div>4)</div> <div>Depends on the standard</div>
<div>Question 67</div> <div>what is the output of the C program?</div> <div><pre>int main() { if(TRUE) { print("India\n"); } if(true) { printf(Honey\n"); } printf("ZING"); return 0; }</pre></div>	<div>1)</div> <div>India</div> <div>ZING</div> <div>3)</div> <div>India</div> <div>Honey</div> <div>ZING</div> <div>Answer: 4</div>	<div>2)</div> <div>Honey</div> <div>ZING</div> <div>4)</div> <div>Compile error</div>
<div>Question 68</div> <div>Multiple Choice (Select 1 out of 4 options for the question below)</div> <div>What is the output of C program?</div>	<div>1)</div> <div>1 2 3 4 5</div> <div>3)</div> <div>6</div>	<div>2)</div> <div>1 2 3 4</div> <div>4)</div> <div>5</div>

<pre>int main() { int k; for(k=1;k <=5;k++) { printf("%d",k); } return 0; }</pre>	Answer: 3	
Question 69 choose a correct option regarding C comparison Operators.	1) (x==y) Is x relly equal to y. (x!=y) Is x not equal to y. 3) (x<=y) Is x less than or equal to y (x>=y) Is x greater than or equal to y	2) (x<y) Is x less than y (x>y) Is x greater than y 4) All of the baove
	Answer: 4	
Question 70 Multiple Choice (Select 1 out of 4 options for the question below) Choose a correct C statement	1) a++ is (a=a/1) POST INCREMENT Operator 3) ++a is (a=a/1) Pre INCREMENT Operator	2) a-- is (a=a-1) POST DECREMENT Operator 4) All the above
	Answer: 4	
Question 71 If you have to make decision based on multiple choices, which of the following is best suited?	1) if 3) if-else-if	2) if-else 4) All of the above
	Answer: 3	
Question 72 Multiple Choice (Select 1 out of 4 options for the question below) Are logical operator sequence points?	1) True 3) Depends on the compiler	2) False 4) Depends on the standard
	Answer: 1	
Question 73 What is the output of C Program ?	1) 32 3) 30	2) 33 4) No output
	Answer: 1	

```
int main()
{
    int a=32;
    do
    {
        printf("%d",a);
        a++;
    }while(a<=30);
    return 0;
}
```

Question 74

No of values function can return

1)2

2)1

3)3

4)0

Answer: 2

Question 75

Which among the following is a Short Circuit OR operator ?

1)&

2)&&

3)|

4)||

Answer: 4

Question 76

Which of the following is an invalid if-else statement ?

1)if (if (a == 1)){}

2)if (a){}

3)if ((char) a){}

4)if (func1 (a)){}

Answer: 1

Question 77

With x=0, which of the following are legal lines of Java code for changing the value of x to 1?

1)1, 2 & 3

2)1 & 4

3)1, 2, 3 & 4

4)3 & 2

Answer: 1

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1. x++;

2. x = x + 1;

3. x += 1;

4. x =+ 1;

Question 78

what will be the output of the following code?

1)Compile time error

2)hi

3)hello

4)hi hello

Answer: 2

```
void m(int k)
{
printf("hi");
}
void m(double k)
{
printf("hello");
}
void main()
{
m(3);
}
```

Question 79 do-while loop terminates when conditional expression returns ?	1) One 3) None-zero Answer: 2	2) Zero 4) None of the above
Question 80 Types of function in C language	1) Library Function 3) User defined function Answer: 2	2) Both A and C 4) None of the above
Question 81 What is the output of C program ? <pre>int main() { int a=5; while(a=123) { printf("RABBIT\n"); break; } printf("GREEN"); return 0; }</pre>	1) GREEN 3) RABBIT is printed unlimited number of times Answer: 1	2) RABBIT GREEN 4) Compiler error
Question 82 Modulus operator, %, can be applied to which of these ?	1) Integers 3) Both Integers and floating -- point numbers Answer: 3	2) Floating -- point numbers 4) None of the mentioned
Question 83 What is the output of the Java code snippet ? <pre>boolean b=false; b=!b; System.out.println(b);</pre>	1) true 3) Compiler error Answer: 1	2) false 4) None of the above
Question 84 For loop in a C program, if the condition is missing ?	1) it is assumed to be present and taken to be false	2) it is assumed to be present and taken to the true

	3) it result in a syntax error	4) execution will be terminated abruptly
Answer: 2		
Question 85 What is the output of C program ?	1) 25 25 25	2) 25 26 27
<pre>int main() { int a=25; while(a<=27) { printf("%d",a); a++; } return 0; }</pre>	3) 27 27 27	4) Compiler error
Answer: 2		
Question 86 Assume the output of the following code:	1) Compile time error	2) Runtime error
<pre>#include <stdio.h> enum m{JAN, FEB, MAR}; enum m foo(); int main() { enum m i=foo(); printf("%d\n",i); } int foo() { return JAN; }</pre>	3) 1	4) 0
Answer: 1		
Question 87 What will be the output of the following C++ code ?	1) -5	2) 0
<pre>#include <iostream> using namespace std; int fun(int=0, int=0); int main(){ cout << fun(5); return 0; } int fun(int x, int y){ return (x + y); }</pre>	3) 10	4) 5
Answer: 4		
Question 88 Which among the following is a logical Unary NOT operator in Java ?	1) ~	2) !
	3) #	4) ^
Answer: 2		
Question 89 What happens to the Second operand / expression if the first operand is FALSE with a Short Circuit AND (&&) operator ?	1) Second operand / expression is evaluated and AND is applied.	2) Evaluation of second operand / expression is skipped.
	3)	4)

	<div>The compiler starts taking more memory.</div> <div>Answer: 1</div>	<div>The compiler starts taking more CPU power.</div>
<div>Question 90</div> <div>The function that actually created from a call to a template function is called</div>	<div>1) Spawned</div> <div>3) All of the above</div> <div>Answer: 1</div>	<div>2) Inherited</div> <div>4) Generated</div>
<div>Question 91</div> <div>Will the following program run successfully?</div> <div><pre>int main() { int n=5: printf("n=%d\n", n, n): return 0: }</pre></div>	<div>1) Yes</div> <div>3) Compile error</div> <div>Answer: 1</div>	<div>2) No</div> <div>4) Syntax error</div>
<div>Question 92</div> <div>Select the output of this program:</div> <div><pre>#include<stdio.h> #include<stdlib.h> int main(void) { char x='A' char*y=(char*)malloc(sizeof(char)); y=&x; for (int i = 0:i<26:i++){ printf("%c", x): y[0]+=1: } }</pre></div>	<div>1) SDKJNSDNSKDJNSKDVNSKJD</div> <div>3) ABCDEFGHJKLMNOPQRSTUVWXYZ</div> <div>Answer: 3</div>	<div>2) SLKFVMSLFVSFLALKDJF</div> <div>4) None of the above</div>
<div>Question 93</div> <div>Find the error, if any, in the following program:</div> <div><pre>/" Assume there is a file called 'file.c' in c\tc:directory."/ int main() { FILE*fp: fp=fopen("c:\tc\file.c","r"); if(!fp) printf("UNable to open file:"); fclose(fp); return 0; }</pre></div>	<div>1) No error, No output</div> <div>3) Output: Unable to open file</div> <div>Answer: 1</div>	<div>2) Program crashes at run time</div> <div>4) None of the above</div>
<div>Question 94</div> <div>What will be the output of the following program?</div>	<div>1) 11 2 5</div> <div>3) Compilation Error</div> <div>Answer: 1</div>	<div>2) 11 3 5</div> <div>4) None of the above</div>

```
class Demo{
public static void main(String[] args)
arr.add(11);
arr.add(2);
arr.add(3);
arr.add(5);
arr.add(7);
arr.remove(new Integer(7));
arr.remove(2);
for(int i=0;i<arr.size();i++)
System.out.print(arr.get(i)+"");
}
}
```

Question 95

Which of the following scanf() statement will you use to scan a and b?

```
float a;
double b;
```

1)scanf("%Lf%Lf",&a,&b);

2)scanf("%f%Lf",&, &b);

3)scanf("%f%lf",&a,&b);

4)scanf("%f%f",&a,&b);

Answer: 3

Question 96

Which of the statement is true for the following program?

```
int main()
{
FILE *fptr;
char str[80];
fptr=fopen("f1.dat","w");
if(fptr==NULL)
printf("Cannot open file");
else
{
while(strlen(gets(str))>0)
{
fputs(str,fptr);
fputs("\n",fptr);
}
fclose(fptr);
}
return 0;
}
```

1)The code copies the content of one file to another

2)The code writes strings that are read from the keyboard into file

3)The code reads a file

4)None of the above

Answer: 2

Question 97

What will be the output: int main()

```
{
FILE *fp;
char c1t, str[7];
fp=fopen("try.c","r");/"file 'try.c' contains "This is Nagpur"
*/
fseek(fp,9L,SEEK_CUR);
fgets(str,5,fp);
puts(str);
return 0;
}
```

1)gpur

2)agpur

3)Nagp

4)agpu

Answer: 2

Question 98

Select the output of 'file.c' after the execution of the following program:

1)B

2)A B

3)B B

4>Error

Answer: 2

```
int main()
{
FILE*fp1, *fp2:
fp1=fopen("file.c","w"):
fp2=fopen("file.c", "w"):
fputc('A',fp1);
fputc('B',fp2);
fclose(fp1);
fclose(fp2);
return 0:
}
```

Question 99

To print out a and b given below, which of the following printf() statement will you use?

```
float a=3.14:
double b=3.14;
```

- 1)
printf("%f%lf", a, b)
- 2)
printf("%Lf%f", a, b)
- 3)
printf("%f%Lf", , b)
- 4)
printf("%Lf%Lf", a, b)
- Answer: 1

Question 100

If the following program contains a line "Be my Friend" in the 'source.txt' then whaat will be the output?

- 1)
Friend
- 2)
fren
- 3)
end
- 4)
Error
- Answer: 3

Question 101

Which statement is used to close the IF block?

- 1)
ELSEIF
- 2)
ELSE
- 3)
ENDIF
- 4)
END
- Answer: 3

Question 102

Point out the error in the following code:

```
int main()
{
unsigned char:
FILE *fp;
fp=fopen("trial","r"):
if(!fp)
{
print("Unable to open file"):
exit(1):
}
fclose(fp);
return 0;
}
```

- 1)
Error; unknown file pointer
- 2)
Error: in unsigned char statement
- 3)
No error
- 4)
None of the above
- Answer: 1

Question 103
Consider address of x as 62fe14 and identify the output:

```
#include<stdio.h>
int main(void)
{
int a=100;
char*x=(char*)&a;
char**y=&x;
y[0]=(char*)0x62fe14;
printf("%x\n",x);
printf("%x", "y");
}
```

- 1)
0x62fe14 0x62fe14
- 2)
0x62fe14 0x62fe15
- 3)
Crash
- 4)
0x00 10 0x1902

Answer: 1

Question 104
Pick the correct statement for the following program;

```
int main()
{
FILE *fp;
char str[11], ch;
int i=0;
fp=fopen("INPUT.TXT","r");
while((ch=getc(fp))!=EOF)
{
if(ch=='\n\ || ch == ' ')
{
str[i]='\0\;
strrev(str);
printf("%s",str);
i=0;
}
else
str[i++]=ch;
}
fclose(fp);
return 0;
}
```

- 1)
The code reads a text files and display its context in reverse order
- 2)
The code writes a text to a file in reverse order
- 3)
The code writes a text to a file
- 4)
None of the above

Answer: 1

Question 105
Which of the following statements instructs the computer to get value from an input device and store it in a memory location?

- 1)
read
- 2)
READ
- 3)
write
- 4)
WRITE

Answer: 2

Question 106
What will be printed after the execution of this pseudocode?

```
#include<stdio.h>
int main(void)
{
int a=(int)0b01001011;
int*b=&a;
int n[10]={{(int)0b010110, 17, -4, -13, 19, -19, 10, (int)0b11110110};
for (int i=0;i<9;i++){
printf("%c",b[0]);
b[0]+=n[i];
}
}
```

- 1)
karnataka
- 2)
kerala
- 3)
Kerala
- 4)
Karnataka

Answer: 4

Question 107
A file contains the line "I am a man\r\n" then on reading this line into the array str using fgets(). What will str contain?

- 1)
"I am a man\r\()"
- 2)
"I am a man\r\r\()"

	3) "I am a man" Answer: 2	4) "I am a man\r\n\()"
Question 108 Select the alternate notation for exponentiation.	1) ** 3) *** Answer: 1	2) * 4) *^
Question 109 Multiple Choice (Select 1 out of 4 options, for the question below.) What will be the output of the following code? #include<stdio.h> int main() { int a=10,b=5,c=3; b !=!a; c =!!a; printf("%d\t%d". b.c); }	1) 5 1 3) 5 3 Answer: 1	2) 0 3 4) 1 1
Question 110 Multiple Choice (Select 1 out of 4 options, for the question below.) How long the following loop runs? For(x=0;x=3;x+ +)	1) Three times 3) Forever Answer: 3	2) Four times 4) Never
Question 111 choose correct statement regarding C Comparison Operators	1) (x==y) Is x really equal to y (x!=y) Is x not equal to y 3) (x<=y) Is x less than or equal to y (x>=y) Is x greater than or equal to y Answer: 4	2) (x<y) Is x less than y (x>y) Is x greater then y 4) All of the above
Question 112 what will be the data type returned for the following C dunctions? #include int func() {	1) int 3) char Answer: 1	2) double 4) No output

<pre>return (double)(char)5.0; }</pre>		
<p>Question 113</p> <p>Multiple Choice (Select 1 out of 4 options, for the question below.)</p> <p>What is the result of logical or relational expression in C?</p>	<p>1)</p> <p>True or False</p> <p>3)</p> <p>o if an expression is false and any positive number if an expresiion is true</p> <p>Answer: 2</p>	<p>2)</p> <p>0 or 1</p> <p>4)</p> <p>None of the mentioned</p>
<p>Question 114</p> <p>It is not advisable to use macros instead of functions because</p>	<p>1)</p> <p>it increases the code size</p> <p>3)</p> <p>recursion is not possible</p> <p>Answer: 4</p>	<p>2)</p> <p>no type checking will be done</p> <p>4)</p> <p>All of the above9</p>
<p>Question 115</p> <p>Multiple Choice (Select 1 out of 4 options, for the question below.)</p> <p>Do logical operations in C languagre are evaluated with the short circuit?</p>	<p>1)</p> <p>True</p> <p>3)</p> <p>Depends on the compiler</p> <p>Answer: 1</p>	<p>2)</p> <p>False</p> <p>4)</p> <p>Depends on the standard</p>
<p>Question 116</p> <p>Prior to using a pointer variable it should be</p>	<p>1)</p> <p>Declared</p> <p>3)</p> <p>Both declared and Initialized</p> <p>Answer: 3</p>	<p>2)</p> <p>Initialized</p> <p>4)</p> <p>None</p>
<p>Question 117</p> <p>Multiple Choice (Select 1 out of 4 options, for the question below.)</p> <p>What is the output of C Program?</p> <pre>int main() { int k; for(k= 1;k<=5;k++) { printf("%d",k); } return 0; }</pre>	<p>1)</p> <p>1 2 3 4 5</p> <p>3)</p> <p>6</p> <p>Answer: 3</p>	<p>2)</p> <p>1 2 3 4</p> <p>4)</p> <p>5</p>
<p>Question 118</p> <p>Choose a correct C statement</p>	<p>1)</p> <p>a++ is (a=a+1) POST INCREEMENT Operator</p>	<p>2)</p> <p>a-- is (a=a-1) POST DECREMENT Operator</p>

		--a is (a=a-1) PRE DECREMENT Operator
	3) ++a is (a=a+1) PRE INCREMENT Operator Answer: 4	4) All the above
Question 119 Assume the output of the following code: void main() { static int x; if(x++ < 2) main(); }	1) No output 3) Run time error Answer: 2	2) main is called twice 4) varies
Question 120 Are logical operator sequence oints?	1) True 3) Depends on the compiler Answer: 1	2) False 4) Depends on the standard
Question 121 Multiple Choice (Select 1 out of 4 options, for the question below.) Assume the output of the following code: void myshow(int *) void main() { int a=10; printf("%d",a); myshow(&a); printf("%d",a); } void myshow(int *k) { *k=20; }	1) 10 30 3) 10 10 Answer: 4	2) 20 20 4) 10 20
Question 122 Multiple Choice (Select 1 out of 4 options, for the question below.) A pointer variable can be	1) Passed to a function 3) Returned by a function	2) Changed within a function 4)

		Can be assigned an integer value
	Answer: 2	
Question 123 Multiple Choice (Select 1 out of 4 options, for the question below.) Which of the following operations are supported by PHP?	1) AND 3) Not Answer: 4	2) OR Exclusive OR 4) All of them
Question 124 what is the output of the C program? int main() { if(TRUE) { printf("India\n"); } if(true) { printf("Honey\n"); } printf("ZING"); return 0; }	1) India ZING 3) India Honey ZING Answer: 4	2) Honey ZNG 4) Compile error
Question 125 If you have to make decision based on multiple choices, which of the following is best suited?	1) if 3) if-else-if Answer: 3	2) if-else 4) All of the above
Question 126 Multiple Choice (Select 1 out of 4 options, for the question below.) In mathematics and computer programming, which is the correct order of mathematical operator?	1) Addition, Subtraction, Multiplication, Division 3) Multiplication, Addition, Division, Subtraction Answer: 2	2) Division, Multiplication, Addition, Subtraction 4) Addition, Division, Modulus,Subtraction
Question 127 Multiple Choice (Select 1 out of 4 options, for the question below.)	1) Character 3) Float	2) Integer 4) enum

Which of the following cannot be checked in a switch-case statement?	Answer: 3	
Question 128 Multiple Choice (Select 1 out of 4 options, for the question below.) Which of the following is not logical operator?	1) & 3) Answer: 1	2) && 4)
Question 129 which for loop has range of similar indexes of 'i' used in for(i=0 ; i<n ; i++)?	1) for (i=n;i>0;i--) 3) for (i=n-1 ; i>0 ; i--) Answer: 4	2) for (i=n;i>=0;i--) 4) for (i=n-1 ; i>-1 ; i--)
Question 130 In C parameters are always	1) Passed by value 3) Non-pointer variables are passed by value and pointers are passed by reference Answer: 3	2) Passed by reference 4) Passed by value result
Question 131 Multiple Choice (Select 1 out of 4 options, for the question below.) How many times the program will print "Hello"? Int main() { print("Hello"); main(); return 0 }	1) Infinite times 3) 65535 times Answer: 4	2) 32767 times 4) Till stack overflows
Question 132 what is the limit for number of functions in a C program?	1) 16 3) 31 Answer: 4	2) 32 4) No limit
Question 133 Multiple Choice (Select 1 out of 4 options, for the question below.) Do logical operators in the C language are evaluated with the short circuit?	1) true 3) Depends on the compiler Answer: 1	2) false 4) Depends on the standard
Question 134 Multiple Choice (Select 1 out of 4 options, for the question below.)	1) 1	2) 2

Decrement operator, a=a-- decreases the value of varibale by what number?	3) 3	4) 4
Answer: 1		
Question 135 Which of these statements are incorrect?	1) Assignment operators are more efficiently implemented by java run-time system than their equivalent long forms	2) Assignment operators run faster then their equivalent long forms
	3) Assignment operators can v=be used only with numeric and character data type	4) None
Answer: 4		
Question 136 Multiple Choice (Select 1 out of 4 options, for the question below.) Choose a correct statement about C function? void main() { print("Hello"); }	1) "main" is the name of default must and should Function	2) main() is same as int main()
	3) By default return 0 is added as the last statement of a function without specific return type	4) All the above
Answer: 4		
Question 137 output of the following code? # include <stdio.h> void dynamic(int s,...) { print("%d",s); } int main() { dynamic(2,4,6,8); dynamic(3,6,9); return 0; }	1) 2 3	2) compile error
	3) 4 3	4) 3 2
Answer: 1		
Question 138 Multiple Choice (Select 1 out of 4 options, for the question below.) an 8 byte long data type be automatically type cast to 4 byte float data type?	1) true	2) false
	3) Can be true or false	4) Can not say
Answer: 1		
Question 139 Output of the following code?	1) Address of main function	2) Compile error

<pre>#include<stdio.h> int main() { printf("%d",main); return 0; }</pre>	3) Runtime error Answer: 4	4) Some random value
Question 140 Multiple Choice (Select 1 out of 4 options, for the question below.) which of the following operations are supported by PHP?	1) AND 3) OR Exclusive OR Answer: 4	2) NOT 4) All of them
Question 141 The C code 'for(;;)' represents an infinite loop. It can be terminated by_____	1) break 3) abort() Answer: 1	2) exit(0) 4) terminate
Question 142 Multiple Choice (Select 1 out of 4 options, for the question below.) What is the other name for C Language ?: Question Mark Colon Operator ?	1) Comparision Operator 3) Binary OPerator Answer: 4	2) If-Els Operator 4) Ternary Operator
Question 143 what is result after execution of the folllowing code is as is 10, b is 5 and c is 10? if((a>b) && (a<=c)) a=a+1; else c=c+1;	1) a=10,c=10 3) a=10,c=11 Answer: 2	2) a=11,c=10 4) a=11,c=11
Question 144 Multiple Choice (Select 1 out of 4 options, for the question below.) Choose a statement to use C If Else statement	1) ekse if is compulsory to use with if statement 3) else or else if is optional with if statement Answer: 3	2) else is compulsory to use with if statement 4) None of the above