1. The output of the code below is

1. #include <stdio.h>
2. int x;
3. void main()
4. {
5. if (x)
6. printf("hi");
7. else
8. printf("how are u");
9. }

a) hi  
b) how are you  
c) compile time error  
d) none of the mentioned

Answer: b

2. What is the output of this C code?

1. #include <stdio.h>
2. int main()
3. {
4. int x = 0;
5. if (x++)
6. printf("true**\n**");
7. else if (x == 1)
8. printf("false**\n**");
9. }

a) true  
b) false  
c) compile time error  
d) undefined behaviour  
View Answer

Answer: b  
Explanation: None.

3. The following code ‘for(;;)’ represents an infinite loop. It can be terminated by.  
a) break  
b) exit(0)  
c) abort()  
d) all of the mentioned  
View Answer

Answer: a  
Explanation: None.

4. The correct syntax for running two variable for loop simultaneously is.  
a) for (i = 0; i < n; i++)  
     for (j = 0; j < n; j += 5)  
b) for (i = 0, j = 0;i < n, j < n; i++, j += 5)  
c) for (i = 0; i < n;i++){}  
    for (j = 0; j < n;j += 5){}  
d) None of the mentioned  
View Answer

Answer: b  
Explanation: None.

5. Which for loop has range of similar indexes of ‘i’ used in for (i = 0;i < n; i++)?  
a) for (i = n; i>0; i–)  
b) for (i = n; i >= 0; i–)  
c) for (i = n-1; i>0; i–)  
d) for (i = n-1; i>-1; i–)  
View Answer

Answer: d  
Explanation: None.

6. Which of the following cannot be used as LHS of the expression in for (exp1;exp2; exp3) ?  
a) Variable  
b) Function  
c) typedef  
d) macros  
View Answer

Answer: d  
Explanation: None.

7. What is the output of this C code?

1. #include <stdio.h>
2. void main()
3. {
4. double k = 0;
5. for (k = 0.0; k < 3.0; k++)
6. printf("Hello");
7. }

a) Run time error  
b) Hello is printed thrice  
c) Hello is printed twice  
d) Hello is printed infinitely  
View Answer

Answer: b

8. How many times i value is checked in the below code?

1. #include <stdio.h>
2. int main()
3. {
4. int i = 0;
5. do {
6. i++;
7. printf("in while loop**\n**");
8. } while (i < 3);
9. }

a) 2  
b) 3  
c) 4  
d) 1  
View Answer

Answer: b  
Explanation: None.

9What is the output of this C code?

1. #include <stdio.h>
2. void main()
3. {
4. int i = 2;
5. do
6. {
7. printf("Hi");
8. } while (i < 2)
9. }

a) Compile time error  
b) Hi Hi  
c) Hi  
d) Varies  
View Answer

Answer: a

10. The keyword ‘break’ cannot be simply used within:  
a) do-while  
b) if-else  
c) for  
d) while  
View Answer

Answer: b  
Explanation: None.

11. Which keyword is used to come out of a loop only for that iteration?  
a) break  
b) continue  
c) return  
d) none of the mentioned  
View Answer

Answer: b  
Explanation: None.

12. What is the output of this C code?

1. #include <stdio.h>
2. void main()
3. {
4. int i = 0, j = 0;
5. for (i = 0;i < 5; i++)
6. {
7. for (j = 0;j < 4; j++)
8. {
9. if (i > 1)
10. **break**;
11. }
12. printf("Hi **\n**");
13. }
14. }

a) Hi is printed 5 times  
b) Hi is printed 9 times  
c) Hi is printed 7 times  
d) Hi is printed 4 times  
View Answer

Answer: a  
Explanation: None.

13. What is the output of this C code?

1. #include <stdio.h>
2. void main()
3. {
4. int i = 0;
5. if (i == 0)
6. {
7. printf("Hello");
8. **break**;
9. }
10. }

a) Hello is printed infinite times  
b) Hello  
c) Varies  
d) Compile time error  
View Answer

Answer: d  
Explanation: None

14. Which of the following is an invalid if-else statement?  
a) if (if (a == 1)){}  
b) if (func1 (a)){}  
c) if (a){}  
d) if ((char) a){}  
View Answer

Answer: a

15 Which keyword can be used for coming out of recursion?  
a) break  
b) return  
c) exit  
d) Both break and return  
View Answer

Answer: b