OBJECTIVE ASSIGNMNETS OF ARRAY & STACK

1. Which of the following is the correct way of declaring array?
2. int A [10];
3. int A {10}
4. array A [10];
5. array [20];
6. How can we initialize an array in C language:
7. int arr[2] = [10,20];
8. int arr{2} = {10,20};
9. int arr[2] = {10,20};
10. int arr(2) = {10,20);
11. An array index starts with
12. 1
13. 2
14. -1
15. 0
16. When function calls another function then the details of

previous function are stored in Stack?

a. True

b. False

5. What is the output of below code?

#include <stdio.h>

int main ()

{

int arr[5] = {50,40,30,20,10};

printf("%d", arr[5]);

return 0;

}

a. 50

b. Garbage value.

c. 10

d. None of the above.

1. Which of the following is the advantage of the array data structure?

a. Elements of mixed data types can be stored.

b. Easier to access the elements in an array.

c. Index of the first element starts from 1.

d. Elements of an array cannot be sorted.

1. The process of inserting an element in the stack is called as:

a. insert

b. pop

c. push

d. add

1. the process of removing an element from the stack is called as:
2. Remove

b. delete

c. pop

d. None of the above.

1. Which error condition is arising When the user tries to push the element in the full stack \_\_\_\_
2. Underflow

b. Garbage collection

c. Overflow

d. None of above

1. . Which error condition arises when the user tries to pop the element form empty stack \_\_\_\_\_
2. Underflow
3. Garbage collection
4. Overflow
5. None of above
6. . Which data structure is required to convert infix to prefix?

1. Linked list
2. Queue
3. Stack
4. Binary tree.
5. . The Postfix form of an expression: (A + B) \* (C \* D – E) \* F / G is?
6. AB + CD \* E – FG / \* \*
7. AB + CD \* E – F \*\* G /
8. AB + CD \* E – \* F \* G /
9. AB + CDE \* – \* F \* G /
10. . Which data structure is used for implementing recursion?
11. Queue
12. Stack
13. Array
14. List

14. Viewing top element from the Stack is called as…

1. Push
2. Pop
3. Create
4. Peep

15. Prefix expression also called as…

1. Polish notation
2. Reverse Polish notation
3. Infix expression
4. None of them

16. Postfix expression also called as…

1. Polish notation
2. Reverse Polish notation
3. Infix expression
4. None of them

17. If the sequence of operations - push (1), push (2), pop, push (1), push (2), pop, pop, pop, push (2), pop are performed on a stack, the sequence of popped out values

1. 2, 2, 1, 1, 2
2. 2, 2, 1, 2, 2
3. 2, 1, 2, 2, 1
4. 2, 1, 2, 2, 2

18. The Prefix form of an infix expression: p + q – r \* t is?

1. + pq - \* rt
2. - + pqr \* t
3. - + pq \* rt
4. - + \* pqrt