1. Which of the following statement is not correct?
    a. Linked list is a dynamic data structure
    b. Linked list takes more space to store n elements of array
    c. Linked list elements can be accessed more efficiently than array
    d. None of the above

Answer: c

2. Which of the following is correct syntax for creating a node in linked list?
    a. struct node newnode = (struct node*)malloc(sizeof(struct node));
    b. struct node *newmode = (struct node)malloc(sizeof(struct node));
    c. struct node *newmode = (struct node *)malloc(sizeof(struct node));
    d. None of the above

Answer: c

3. Which of the following operation is more efficient in singly linear linked list?
    a. Add node at first position
    b. Add node at last position
    c. Add node in between position
    d. All of the above

Answer: a (no need to traverse in add first operation)

4. Which of the following operation is more efficient in singly linear linked list with tail pointer?
    a. Add node at first position
    b. Add node at last position
    c. Add node in between position
    d. Both a and b
    e. All of the above

Answer: d

5. If following set of operations is done on data (10, 40, 30, 60, 90, 70, 20, 80) from left to right then what will be the status of singly linear linked?
Operations: add first, add first, add last, add last, add last, delete first, delete first, add last
Head
30   60   90   70
    a. 40 -> 10 -> 30 -> 60
    b. 60 -> 90 -> 70 -> 20
    c. 30 -> 60 -> 90 -> 70

      d. None of the above

Answer: c

6. Which of the following statement is false for singly linear linked list?
    e. Traversal can be done in only one direction.
    f. Add first is more efficient than add last operation.
    g. Previous node of any node can be accessed from same node.
    h. None of the above

Answer: c

7. The code snippet given below is used to traverse till_____?

```
for (trav = head ; trav->next != NULL ; trav = trav->next);

trav = head
while(trav->next != NULL)
        trav = trav->next;
```

    a. Last node
    b. Second last node
    c. Both
    d. None

Answer: a

8. All nodes of linked list are stored into the stack section of a memory.
    a. True
    b. False

Answer: b

9. The operation of visiting each element exactly once in the linked list is called as_____.
    a. Sorting
    b. Merging
    c. Inserting
    d. Traversing

Answer: d

10. In which of the following linked list add last operation is performed in less amount of time?
    a. Singly linear linked list with tail pointer
    b. Doubly linear linked list with tail pointer

      c. Doubly circular linked list

      d. All of the above

Answer: d

11. Entire list can be traversed from any node in circular linked list.
      a. True
      b. False

Answer: a

12. Which of the following is condition for linked list is empty?
      a. head != NULL
      b.   head == NULL
      c. head = NULL
      d. None of the above

Answer: b