1. Prefix conversion of a \* b + c - d is

Expression: 
$$a * b + c - d$$

Infix to prefix conversion

$$*ab + c - d$$

- a. \*-+abcd
- b. +-\*abcd
- c. -+\*abcd
- d. None of the above

Answer: c

- 2. Which of the following is false statement?
  - a. Stacks are used to store function calls
  - b. Queues are used to keep printer jobs
  - c. Queues are used to balance parenthesis.
  - d. None of the above

Answer: c

3. What is postfix conversion of given infix expression?

d. None of the above

Answer: b

- 4. If the elements "A", "B", "C" and "D" are placed in a queue and are deleted one at a time, in what order will they be removed?
  - a. ABCD
  - b. DCBA

- c. DCAB
- d. ABDC

## Answer: a

- 5. Consider the following operation performed on a stack of size 5. Push(1); Pop(); Push(2); Push(3); Pop(); Push(4); Pop(); Pop(); Push(5); After the completion of all operation, the number of elements present in stack is?
  - a. 4
  - b. 3
  - c. 2
  - d. 1

Answer: d