1. What is the value of the postfix expression 6 3 2 4 + - *?



- 2 + 4 = 6
- 3 6 = -3
- 6 * -3 = -18
- a. 1
- b. 40
- c. 74
- d. -18

Answer: d

2. The following postfix expression with single digit operands is evaluated using a stack: $8\ 2\ 3\ ^/\ 2\ 3\ ^*\ +\ 5\ 1\ ^*\ -\ Note that ^ is the exponentiation operator. The top two elements of the stack after the first * is ____$



- a. 6,1
- b. 5,7
- c. 3,2
- d. 1,5

Answer: a

- 3. 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

- 4. 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

