

Polling Quiz MCQs

1. Which of the following is not a valid operation on stack?

- Option 1: Push
- Option 2: Peek
- Option 3: Pop
- Option 4: Top
- Option 5: None of the above

Correct Option: 4

2. Stack data structure works in _____ manner.

- Option 1: First In First Out
- Option 2: First In Last Out
- Option 3: Last In First Out
- Option 4: Both 1 & 3
- Option 5: Both 2 & 3

Correct Option: 5

3. What is the condition to check stack is full or not in a dynamic stack?

- Option 1: $\text{top} == \text{SIZE}$
- Option 2: $\text{top} == \text{SIZE}-1$
- Option 3: $\text{top} == \text{NULL}$
- Option 4: None of the above

Correct Option: 4

4. Which of the following functions can be used to implement dynamic stack functionalities push() & pop()?

- Option 1: add_last() & delete_first()
- Option 2: delete_first() & add_last()
- Option 3: add_last() & delete_last()
- Option 4: None of the above

Correct Option: 3

5. Convert given prefix expression into its equivalent postfix: $-+*/\text{abcd}/\text{ef}*\text{hg}$

- Option 1: $\text{ab}*\text{c}/\text{d}*\text{ef}/+\text{h}*\text{g}-$
- Option 2: $\text{ab}*\text{c}/\text{d}*\text{ef}/+\text{hg}*-$
- Option 3: $\text{abc}*/\text{d}*\text{ef}/+\text{hg}*-$
- Option 4: $\text{ab}*\text{cd}/*\text{ef}/+\text{hg}*-$

Correct Option: 2