

# ASSESSMENT

## TOPIC: BASIC CPU PROGRAMMING

**1. The method that inserts the top element in a stack is called \_\_\_\_\_ and the methods that removes the top element from the stack is called \_\_\_\_\_.**

- A. push, pop\*
- B. LIFO, FIFO
- C. Create, clear
- D. FIFO, LIFO

**2. Which of following applications may not use a stack?**

- A. Tracking of local variables at run time
- B. Compiler syntax analyzer
- C. Reversing a word
- D. Breadth first search\*
- E. None of the above

**4. Which of the following is not contained within a stack frame?**

- A. Local variables
- B. Dynamic and static links
- C. Return addresses
- D. None of the above\*

**5. \_\_\_\_\_ records the next instruction for CPU to execute when current function is completed.**

- A. Local variables
- B. Return address\*
- C. Stack pointer
- D. Frame pointer

**6. As data is added to the stack, previously added data is**

- A. Pushed downward\*
- B. Pushed upward
- C. cleared
- D. Removed from the stack

## WHAT TO SUBMIT



Submit the document by answering all the questions.

