

**Q9.** Reverse Polish Notation (RPN) is used to represent arithmetic expressions without using brackets to define priorities for evaluation of operators. For example,  $3 \times (a + b)$  becomes  $3ab+\times$  in RPN. Which of the following is the best data structure that should be used for implementation of RPN in a computer?

a) List

b) Queue

c) Stack

d) Tree