

**Q13.** Which of the following is the correct result produced by executing the program shown below? Here, the parameter “ $x$ ” is called by value, and the parameter “ $y$ ” is called by reference.

Main Program

$a = 2;$

$b = 3;$

$\text{sub}(b, a);$

Subprogram  $\text{sub}(x, y)$

$x = x + y;$

$y = x + y;$

$\text{return};$

a)  $a = 2, b = 3$

c)  $a = 7, b = 3$

b)  $a = 2, b = 5$

d)  $a = 7, b = 5$