

1. Find the unit's digit of  $7^{23} * 8^{13}$ ?

- a) 1      b) 2      c) 3      d) 4

2. Find the unit's digit of the expression:  $78^{5562} \times 56^{256} \times 97^{1250}$

- (a) 4      (b) 5      (c) 6      (d) 7

3. The salary of a worker is first increased by 10% and then it decreased by 10%. What is the net change percentage in his salary?

- A. No change                      B. 1% increase  
C. 1% decrease                    D. 2.5% decrease

4. If the number  $51783*4$  is completely divisible by 8, then the smallest whole number in the place of \* will be?

- a. 2      b. 3      c. 4      d. 0

5. A candidate scores 25% and fails by 60 marks, while another candidate who scores 50% marks, get 40 marks more than the minimum required marks to pass the examination. Find the maximum marks for the examination?

- A. 500      B. 400      C. 300      D. 200