

Question 1

1 / 1 point

Insertion Sort is a Brute Force algorithm.

- ☐ True
- ✓ ☒ False

Question 2

1 / 1 point

Determine the number of character comparisons made when searching for pattern P in text T using Brute Force technique.

T=NO\_NO\_NO\_NO  
P=DOT

Answer: 9 ✓

Question 3

1 / 1 point

Insertion Sort is a decrease-by-one algorithm.

- ✓ ☒ True
- ☐ False

Question 4

1 / 1 point

What is the worst case efficiency class of selection sort?

- ☐  $O(\log n)$
- ☐  $O(n \log n)$
- ☐  $O(2^n)$
- ✓ ☒ none of the above

Question 5

1 / 1 point

How many possible solutions are there for an instance of the assignment problem of size  $n=5$ ?

- ☐ 12
- ☐ 24
- ☐ 60
- ✓ ☒ 120
- ☐ none of these answers are correct