O(nlogn)	
O(2 ⁿ)	
Question 5	0 / 1 poin
How many possible solutions are there for an instance of the assignment problem of size n=5?	
24	
× ● 60	
⇒	
onone of these answers are correct	

Question 1	1 / 1 point
All sorting algorithms are Brute Force algorithms.	
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=NOONOONOO P=BOO	
Answer: 10 🗸	
Question 3	1 / 1 point
Insertion Sort is a decrease-by-a-constant-factor (half) algorithm.	
True	
✓ ● False	

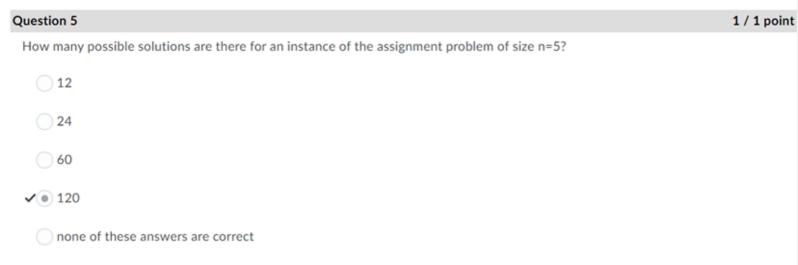
Question 4	1 / 1 point
What is the worst case efficiency class of the Brute Force String Match algorithm?	
O(1)	
○ O(n)	
○ O(n²)	
✓ none of the above	
Question 5	1 / 1 point
How many possible solutions are there for an instance of the assignment problem of size n=5?	
<u>12</u>	
24	
○ 60	
√ ⊚ 120	
none of these answers are correct	

Question 1 1/1	1 point
All Brute Force algorithms are O(n ²).	
☐ True	
✓ ● False	
Question 2 1/1	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	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 the Brute Force String Match algorithm?	
O(1)	
○ O(n²)	
✓ ● none of the above	
○ O(n)	
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	
one of these answers are correct	

Question 1	1 / 1 point
All sorting algorithms are Brute Force algorithms.	
☐ True	
✓ ● False	
Question 2	0 / 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: 10 x (9)	
Question 3	0 / 1 point
Insertion Sort moves an element into the correct position by continually swapping it with adjacent elements, until no furth are possible.	er swaps
× ® True	
⇒ False	

Question 4	1 / 1 point
What is the worst case efficiency class of Bubble Sort?	
O(logn)	
none of the above	
O(n ³)	
O(1)	
○ O(n!)	
✓ (n²)	
O(2 ⁿ)	
O(nlogn)	
○ O(n)	





Written: Oct 3, 2019 10:32 AM - Oct 3, 2019 10:47 AM

Question 3 1 / 1 point

7 10 10 1 10 V	
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 Bubble Sort?	
O(n)	
O(n!)	
O(1)	
O(n ³)	
✓ (n²)	
none of the above	
O(logn)	