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Extra Credit Opportunity #2

03/13/12

Which of the following exception is not an **unchecked** exception?

1. IllegalArgumentException
2. IllegalStateException
3. ArithmeticException
4. All of the above
5. None of the above

Answer: e. None of the above

Which sorting algorithm(s) grows **faster** than (n log n) in a worst-case?

1. Quicksort
2. Selection sort
3. Bubble sort
4. All of the above
5. None of the above

Answer: d. All of the above

Which of the following is an open addressing (closed hashing) collision resolution?

1. Linear probing
2. Quadratic probing
3. Rehashing
4. All of the above
5. None of the above

Answer: d. All of the above

When doing which of the following operation, ArrayList is less efficient than LinkedList?

1. Getting an element from the middle of the list
2. Inserting/Deleting an element at the end of the list
3. Inserting/Deleting an element at the beginning/middle of the list
4. Getting the size of the list
5. None of the above

Answer: c. Inserting/Deleting an element at the beginning/middle of the list