# Java HashSet

## MCQs

**Q1. What is the relation between a HashSet and a HashTable?**

a) HashSet internally implements HashTable
b) HashTable internally implements HashSet
c) HashTable is the interface; HashSet is the concrete class
d) HashTable is the interface; HashMap is the concrete class

**Q2. How many null elements are allowed in a HashSet?**

a) 1
b) 2
c) No limit
d) None

**Q3. In what fashion does a HashSet store elements in?**

a) Ordered
b) Unordered
c) Insertion order
d) Reverse Ordered

**Q4. HashSet class extends which class?**

a) HashMap
b) HashTable
c) AbstractSet
d) None of the above

**Q5. What is the time complexity of adding an element to a HashSet?**

a) O(n)
b) O(logn)
c) O(n^2)
d) O(1)

**ANSWERS:**

1. a) HashSet internally implements HashTable
2. a) 1
3. b) Unordered
4. c) AbstractSet
5. d) O(1)