

Started on	Friday, 7 February 2025, 9:53 AM
State	Finished
Completed on	Friday, 7 February 2025, 10:02 AM
Time taken	9 mins 25 secs
Marks	6.00/10.00
Grade	60.00 out of 100.00

Question 1

Incorrect

Mark 0.00 out of 1.00

What happens if we put a key object in a HashMap which exists?

- ☐ a. It throws an exception as the key already exists in the map
- ☒ b. The new object is discarded ❌
- ☐ c. The new object replaces the older object
- ☐ d. The old object is removed from the map

Your answer is incorrect.

Question 2

Correct

Mark 1.00 out of 1.00

Which of these packages contain all the collection classes?

- ☐ a. java.awt
- ☒ b. java.util ✔️
- ☐ c. java.lang
- ☐ d. java.net

Your answer is correct.

Question 3

Incorrect

Mark 0.00 out of 1.00

Which of the following method is used to remove all key/value pair map?

- ☐ a. remove()
- ☐ b. None of the listed options
- ☒ c. removeAll() ✖
- ☐ d. deleteAll()

Your answer is incorrect.

Question 4

Correct

Mark 1.00 out of 1.00

Which of these class can generate an array which can increase and decrease in size automatically?

- ☐ a. LinkedList()
- ☐ b. None of the listed options
- ☒ c. ArrayList() ✔
- ☐ d. DynamicList()

Your answer is correct.

Question 5

Incorrect

Mark 0.00 out of 1.00

What is Collection in Java?

- ☐ a. Group of Objects
- ☐ b. Group of Interfaces
- ☒ c. Group of Classes ✖
- ☐ d. Group of Interfaces

Your answer is incorrect.

Question 6

Correct

Mark 1.00 out of 1.00

Which of these interface is not a part of Java's collection framework?

- ☐ a. Map
- ☐ b. List
- ☒ c. SortedList ✓
- ☐ d. Set

Your answer is correct.

Question 7

Correct

Mark 1.00 out of 1.00

Which of these interface handle sequences?

- ☐ a. Collection
- ☐ b. Set
- ☐ c. Comparator
- ☒ d. List ✓

Your answer is correct.

Question 8

Incorrect

Mark 0.00 out of 1.00

What is the worst case time complexity of accessing a value from a arrayList?

- ☐ a. Can't be determined
- ☒ b. $O(n*n)$ ✗
- ☐ c. $O(1)$
- ☐ d. O 🗑️

Your answer is incorrect.

Question 9

Correct

Mark 1.00 out of 1.00

How to sort elements of ArrayList?

- ☐ a. listObj.sort();
- ☐ b. Sorter.sortAsc(listObj);
- ☐ c. Collection.sort(listObj);
- ☒ d. Collections.sort(listObj); ✓

Your answer is correct.

Question 10

Correct

Mark 1.00 out of 1.00

Collection framework has which of the following?

- ☒ a. All of the listed options ✓
- ☐ b. Classes
- ☐ c. None of the listed options
- ☐ d. Interfaces

Your answer is correct.