



Free Questions for 1Z0-809 by dumpshq

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Question 1

Question Type: MultipleChoice

Given the code fragments:

```
class Employee {  
  
    Optional<Address> address;  
  
    Employee (Optional<Address> address) {  
  
        this.address = address;  
  
    }  
  
    public Optional<Address> getAddress() { return address; }  
  
}  
  
class Address {  
  
    String city = "New York";  
  
    public String getCity { return city; }  
  
    public String toString() {
```

```
return city;
```

```
}
```

```
}
```

and

```
Address address = new Address;
```

```
Optional<Address> addr1 = Optional.ofNullable (address);
```

```
Employee e1 = new Employee (addr1);
```

```
String eAddress = (addr1.isPresent()) ? addr1.get().getCity() : "City Not
```

```
available";
```

```
System.out.println(eAddress);
```

What is the result?

Options:

A) New York

B) City Not available

C) null

D) A NoSuchElementException is thrown at run time.

Answer:

C

Question 2

Question Type: MultipleChoice

Given:

```
class Student {
```

```
    String course, name, city;
```

```
    public Student (String name, String course, String city) {
```

```
        this.course = course; this.name = name; this.city = city;
```

```
    }
```

```
    public String toString() {
```

```
return course + ":" + name + ":" + city;
}
public String getCourse() {return course;}
public String getName() {return name;}
public String getCity() {return city;}
```

and the code fragment:

```
List<Student> stds = Arrays.asList(
new Student ("Jessy", "Java ME", "Chicago"),
new Student ("Helen", "Java EE", "Houston"),
new Student ("Mark", "Java ME", "Chicago"));
stds.stream()
.collect(Collectors.groupingBy(Student::getCourse))
.forEach(src, res) -> System.out.println(res));
```

What is the result?

Options:

- A) A compilation error occurs.
- B) Java EEJava ME
- C) [Java EE: Helen:Houston][Java ME: Jessy:Chicago, Java ME: Mark:Chicago]
- D) [Java ME: Jessy:Chicago, Java ME: Mark:Chicago][Java EE: Helen:Houston]

Answer:

B

Question 3

Question Type: MultipleChoice

Given the code fragment:

```
BiFunction<Integer, Double, Integer> val = (t1, t2) -> t1 + t2; //line n1
```

```
//line n2
```

```
System.out.println(val.apply(10, 10.5));
```

What is the result?

Options:

- A) 20
- B) 20.5
- C) A compilation error occurs at line n1.
- D) A compilation error occurs at line n2.

Answer:

D

Question 4

Question Type: MultipleChoice

Given:

```
class UserException extends Exception { }
```

```
class AgeOutOfLimitException extends UserException { }
```

and the code fragment:

```
class App {  
  
    public void doRegister(String name, int age)  
        throws UserException, AgeOutOfLimitException {  
  
        if (name.length () <= 60) {  
  
            throw new UserException ();  
  
        } else if (age > 60) {  
  
            throw new AgeOutOfLimitException ();  
  
        } else {  
  
            System.out.println("User is registered.");  
  
        }  
  
        }  
  
    public static void main(String[ ] args) throws UserException {  
  
        App t = new App ();  
  
        t.doRegister("Mathew", 60);  
  
    }  
}
```



```
}
```

What is the result?

Options:

- A) User is registered.
- B) An AgeOutOfLimitException is thrown.
- C) A UserException is thrown.
- D) A compilation error occurs in the main method.

Answer:

C

Question 5

Question Type: MultipleChoice

Given the code fragment:

```
LocalDate valentinesDay =LocalDate.of(2015, Month.FEBRUARY, 14);
```

```
LocalDate next15days = valentinesDay.plusDays (15);
```

```
LocalDate nextYear = next15days.plusYears(1); // line n1
```

```
System.out.println(nextYear);
```

What is the result?

Options:

A) 2016-03-01

B) A DateTimeException is thrown.

C) 2016-02-29

D) A compilation error occurs at line n1.

Answer:

D

Question 6

Question Type: MultipleChoice

Given:

```
class Book {  
  
    int id;  
  
    String name;  
  
    public Book (int id, String name) {  
  
        this.id = id;  
  
        this.name = name;  
  
    }  
  
    public boolean equals (Object obj) { //line n1  
  
        boolean output = false;  
  
        Book b = (Book) obj;  
  
        if (this.id == b.id) {  
  
            output = true;  
  
        }  
  
        return output;  
    }  
}
```

```
}
```

```
}
```

and the code fragment:

```
Book b1 = new Book (101, "Java Programing");
```

```
Book b2 = new Book (102, "Java Programing");
```

```
System.out.println (b1.equals(b2)); //line n2
```

Which statement is true?

Options:

A) The program prints true.

B) The program prints false.

C) A compilation error occurs. To ensure successful compilation, replace line n1 with: `boolean equals (Book obj) {`

D) A compilation error occurs. To ensure successful compilation, replace line n2 with: `System.out.println (b1.equals((Object) b2));`

Answer:

B

Question 7

Question Type: MultipleChoice

Given the definition of the Emp class:

```
public class Emp
```

```
private String eName;
```

```
private Integer eAge;
```

```
Emp(String eN, Integer eA) {
```

```
    this.eName = eN;
```

```
    this.eAge = eA;
```

```
}
```

```
public Integer getEAge () {return eAge;}
```

```
public String getENAME () {return eName;}
```

```
}
```

and code fragment:

```
List<Emp>li = Arrays.asList(new Emp("Sam", 20), New Emp("John", 60), New Emp("Jim", 51));
```

```
Predicate<Emp> agVal = s -> s.getEAge() <= 60;//line n1
```

```
li = li.stream().filter(agVal).collect(Collectors.toList());
```

```
Stream<String> names = li.stream().map.(Emp::getEName);//line n2
```

```
names.forEach(n -> System.out.print(n + " "));
```

What is the result?

Options:

A) Sam John Jim

B) John Jim

C) A compilation error occurs at line n1.

D) A compilation error occurs at line n2.

Answer:

C

Question 8

Question Type: MultipleChoice

Given the code fragment:

```
List<String> nL = Arrays.asList("Jim", "John", "Jeff");
```

```
Function<String, String> funVal = s -> "Hello : ".concat(s);
```

```
nL.Stream()
```

```
.map(funVal)
```

```
.forEach(s-> System.out.print (s));
```

What is the result?

Options:

A) Hello : Jim Hello : John Hello : Jeff

B) Jim John Jeff

C) The program prints nothing.

D) A compilation error occurs.

Answer:

C

Explanation:

The program prints nothing because the method is concat.

Question 9

Question Type: MultipleChoice

Given the code fragment:

```
UnaryOperator<Double> uo1 = s -> s*2;//line n1
```

```
List<Double> loanValues = Arrays.asList(1000.0, 2000.0);
```

```
loanValues.stream()
```

```
.filter(lv -> lv >= 1500)
```

```
.map(lv -> uo1.apply(lv))//line n2
```



```
.forEach(s -> System.out.print(s + " "));
```

What is the result?

Options:

A) 4000.0

B) 4000

C) A compilation error occurs at line n1.

D) A compilation error occurs at line n2.

Answer:

D

Question 10

Question Type: MultipleChoice

Given:

```
public class Canvas implements Drawable {
```

```
public void draw () { }  
  
}  
  
public abstract class Board extends Canvas { }  
  
public class Paper extends Canvas {  
  
protected void draw (int color) { }  
  
}  
  
public class Frame extends Canvas implements Drawable {  
  
public void resize () { }  
  
abstract void open ();  
  
}  
  
public interface Drawable {  
  
public abstract void draw ();  
  
}
```

Which statement is true?

Options:

- A) Board does not compile.
- B) Paper does not compile.
- C) Frame does not compile.
- D) Drawable does not compile.
- E) All classes compile successfully.

Answer:

C

Question 11

Question Type: MultipleChoice

Given the code fragments:

```
interface CourseFilter extends Predicate<String> {  
  
    public default boolean test (String str) {  
  
        return str.contains ("Java");  
    }  
}
```

```
}
```

```
}
```

and

```
List<String> strs = Arrays.asList("Java", "Java EE", "Embedded Java");
```

```
Predicate<String> cf1 = s -> s.length() > 3;
```

```
Predicate cf2 = new CourseFilter() { //line n1
```

```
public boolean test (String s) {
```

```
return s.startsWith ("Java");
```

```
}
```

```
};
```

```
long c = strs.stream()
```

```
.filter(cf1)
```

```
.filter(cf2//line n2
```

```
.count());
```

```
System.out.println(c);
```

What is the result?

Options:

A) 2

B) 3

C) A compilation error occurs at line n1.

D) A compilation error occurs at line n2.

Answer:

D

Question 12

Question Type: MultipleChoice

Given the code fragment:

```
public class Foo {
```

```
public static void main (String [ ] args) {
```

```
Map<Integer, String> unsortMap = new HashMap<> ();

unsortMap.put (10, "z");

unsortMap.put (5, "b");

unsortMap.put (1, "d");

unsortMap.put (7, "e");

unsortMap.put (50, "j");

Map<Integer, String> treeMap = new TreeMap <Integer, String> (new

Comparator<Integer> () {

@Override public int compare (Integer o1, Integer o2) {return o2.compareTo

(o1); } });

treeMap.putAll (unsortMap);

for (Map.Entry<Integer, String> entry : treeMap.entrySet () ) {

System.out.print (entry.getValue () + " ");

}

}
```

```
}
```

What is the result?

Options:

- A) A compilation error occurs.
- B) d b e z j
- C) j z e b d
- D) z b d e j

Answer:

C

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