

Question **1**

Not yet answered

Marked out of 1.00

The benefits of the Object Orientation are: (choose two)

- ☐ a. Maintainability
- ☐ b. Polymorphism
- ☐ c. Flexibility
- ☐ d. Inheritance

Question 2

Not yet answered

Marked out of 1.00

What will be the output of the following Java program?

```
1 public static void main(String[] args) {  
2     int i, k;  
3     for (i = 1;; i++) {  
4         k = 5;  
5     }  
6     System.out.println(i);  
7 }
```

- ☐ a. 5
- ☐ b. Compilation error
- ☐ c. 1
- ☐ d. Runtime Error

Question 3

Not yet answered

Marked out of 1.00

What will happen when you compile and run the following code?

```
1  class One {  
2      int x;  
3      public One(int x) {  
4          this.x = x;  
5      }  
6  }  
7  public class Test {  
8      public static void main(String[] args) {  
9          One one = new One();  
10         System.out.println(one.x);  
11     }  
12 }
```

- ☐ a. Run time error
- ☐ b. 0
- ☐ c. No output
- ☐ d. Compilation error

Question 4

Not yet answered

Marked out of 1.00

What will happen when you compile and run the following code?

```
1 public class Test {  
2     public static void main(String args[]) {  
3         int i = 5, j = 2;  
4         System.out.println(i % j);  
5     }  
6 }  
7
```

- ☐ a. Run time error
- ☐ b. Compilation error
- ☐ c. 2
- ☐ d. 1

Question 5

Not yet answered

Marked out of 1.00

What is correct syntax for main method of a java class?

- ☐ a. public static int main(String[]args)
- ☐ b. public void main(String[]args)
- ☐ c. public int main(String[]args)
- ☐ d. public static void main(String[]args)

Question 6

Not yet answered

Marked out of 1.00

What is the prototype of the default constructor of this Java class?

```
1 public class Prototype { }
```

- ☐ a. public Prototype(void).
- ☐ b. Prototype(void).
- ☐ c. Prototype🎨
- ☐ d. public Prototype🎨

Question 7

Not yet answered

Marked out of 1.00

Given below the sample code :

```
1  class Hotel {  
2      public int bookings;  
3      public void book() {  
4          bookings++;  
5      }  
6  }  
7  public class SuperHotel extends Hotel {  
8      public void book() {  
9          bookings--;  
10     }  
11     public void book(int size) {  
12         book();  
13         super.book();  
14         bookings += size;  
15     }  
16     public static void main(String args[]) {  
17         Hotel hotel = new Hotel();  
18         hotel.book(2);  
19         System.out.print(hotel.bookings);  
20     }  
21 }
```

How can we correct the above code ? (choose all that apply)

- ☐ a. By creating object of "SuperHotel" subclass at line 17 & calling book(2) from it at line 18
- ☐ b. No correction needed.
- ☐ c. By adding argument "int size" to the method book at line number 3.

- ☐ d. By removing argument '2' at line number 18.

Question 8

Not yet answered

Marked out of 1.00

What will be the output of the following Java program?

```
1 public static void main(String[] args) {  
2     int i = 5, j = 6;  
3     i = i - --j;  
4     System.out.println(i);  
5 }
```

- ☐ a. 5
- ☐ b. 6
- ☐ c. 0
- ☐ d. Runtime Error

Question 9

Not yet answered

Marked out of 1.00

What is correct syntax for main method of a java class? (choose two)

- ☐ a. public static void main(String[]args)
- ☐ b. public static int main(String[]args)
- ☐ c. public static void main(String args[])
- ☐ d. public void main(String[]args)

Question 10

Not yet answered

Marked out of 1.00

What is inheritance?

- ☐ a. inheritance is a technique to define different methods of same type.
- ☐ b. inheritance is the ability of an object to take on many forms.
- ☐ c. It is the process where one object acquires the properties of another.
- ☐ d. inheritance is a technique to define different members of same type.



