Question 1

Correct

Mark 1.00 out of 1.00

⚑ Flag question

Predict the Output of following Java Program.

class Test {

   int x = 10;

   public static void main(String[] args) {

      System.out.println(x);

   }

}

Select one:
- ○ Runtime Exception
- ○ 0
- ○ 10
- ◉ Compile Time Error ✔

Question 2

Correct

Mark 1.00 out of 1.00

⚑ Flag question

Identify which statement is true about construtors.

Select one:
- ○ Constructor of a class should not have a return type, which means the return type is void
- ○ Constructor should have same name as class name, but not case sensitive
- ◉ Constructor can be overloaded ✔
- ○ Constructor will be invoked explicitly like other methods

Question 3

Correct

Mark 1.00 out of 1.00

⚑ Flag question

A JavaBeans component has the following field:

private boolean enabled;

Which two pairs of method declarations follow the JavaBeans standard for accessing this field? (Choose two.)

Select one or more:
- ☐ public void setEnabled(boolean enabled)
  public void isEnabled()
- ☑ public void setEnabled(boolean enabled)
  public boolean getEnabled() ✔
- ☑ public void setEnabled(boolean enabled)
  public boolean isEnabled() ✔
- ☐ public boolean setEnabled(boolean enabled)
  public boolean getEnabled()

Question
4

Correct

Mark 1.00 out of
1.00

⚑ Flag
question

```
package edu.ABC.model;

public class Account  {

        public static final float INTERTEST_RATE = 7.5;

}
```

Identify the correct options from the classes provided below.

Select one or more:

☑ import edu.ABC.model.Account ;
```
    public class Loan {
        public double getInterest()  {
            return Account.INTEREST_RATE;
        }
    } ✔
```

☑ import static edu.ABC.model.Account.*;
```
    public class Loan {
       public double getInterest() {
          return INTEREST_RATE; \
       }
    } ✔
```

☐ package edu.ABC.model;
```
    public class Loan {
       public double getInterest() {
          return INTEREST_RATE;
       }
    }
```

☐ import static edu.ABC.model.Account ;
```
    public class Loan  {
       public double getInterest()  {
            return INTEREST_RATE;
       }
    }
```

Question
5

Correct

Mark 1.00 out of
1.00

⚑ Flag
question

```
Given:
public class ItemTest
{
     private final int id;
     public ItemTest(int id) {
         this.id = id;
     }
     public void updateId(int newId)  {
         id = newId;
     }
     public static void main(String[] args)  {
         ItemTest fa = new ItemTest(42);
         fa.updateId(69);
         System.out.println(fa.id);
     }
}
What is the result?
```

Select one:

○ Runtime Error

○
   69

◉ CompileTime Error ✔

Question 6

Correct

Mark 1.00 out of 1.00

⚑ Flag question

Identify the true statement(s).

Statement 1 : When no constructor is written in a class, the compiler creates a default constructor

Statement 2 : The default constructor will implicitly invoke the default / no-argument constructor of the super class

Statement 3 : If a class has a parametrized constructor alone, then the compiler will create the default constructor

Statement 4 : If a class has a parametrized constructor, it is mandatory to write a no-argument constructor

Select one:
- ○ 1, 2 and 4
- ◉ 1 and 2 ✔
- ○ 2 and 3
- ○ 1, 2 and 3

Question 7

Correct

Mark 1.00 out of 1.00

⚑ Flag question

What does this() mean in constructor chaining concept?

Select one:
- ◉ Used for calling the no argument constructor of the same class. ✔
- ○ Used for calling the current object of the parent class.
- ○ Used for calling the parameterized constructor of the parent class.
- ○ Used for calling the current object of the same class.

Question 8

Correct

Mark 1.00 out of 1.00

⚑ Flag question

Which members of a class can be accessed by other classes is determined by the _____

Select one:
- ◉ Access specifier ✔
- ○ class
- ○ variables
- ○ constructor