



Dashboard > Courses > School Of Engineering & Applied Sciences > B.Tech. > B.Tech. Cohort 2020-2024 > Semester-II Cohort 2020-24
> ECSE106L- Even (Group - I & Group - II) > 20 July - 26 July > END SEMESTER EXAMINATION: QUIZ

Started on Thursday, 22 July 2021, 11:01 AM

State Finished

Completed on Thursday, 22 July 2021, 12:17 PM

Time taken 1 hour 15 mins

Grade 23.83 out of 40.00 (60%)



Question 1

Incorrect

Mark 0.00 out of

1.00

Predict the correct outputs

```
public class Main {  
    public static void main(String[] args) {  
        int a = 0;  
        int b = 9;  
        Main ro = null;  
        int c = ro.sum_second(a, b);  
        long d = ro.sum_first(a, b);  
        ro = new Main();  
        long e = ro.sum_second(c, d);  
        System.out.print("a" + b + "c" + d + "e");  
    }  
  
    private static int sum_second(int a, int b) {  
        System.out.print("a" + b);  
        return a + b;  
    }  
  
    private static int sum_first(int b, int a) {  
        System.out.print(a + "b");  
        return a - b;  
    }  
  
    private long sum_second(int a, long b) {  
        System.out.print(a + b);  
        return a + b;  
    }  
}
```

Select one:

- ☐ a. a99b18a9c9e
- ☐ b. a9b92a9c9e
- ☐ c. a99b2a99ce
- ☒ d. a99b2a9c9e ❌

The correct answer is: a99b18a9c9e



Question 2

Correct

Mark 1.00 out of

1.00

```
class DetermineGroup
{
    public static void main(String s[])
    {
        boolean male = false;
        int age = 30;

        if( male )
            if( age < 20 )
                System.out.println("Boy");
            else
                System.out.println("Man");
        else
            if( age < 20 )
                System.out.println("Girl");
            else
                System.out.println("Woman");
    }
}
```

Select one:

- ☐ a. Boy
- ☒ b. Woman ✓
- ☐ c. Man
- ☐ d. Girl

The correct answer is: Woman



Question 3

Incorrect

Mark 0.00 out of

1.00

predict the correct output?

```
class Result
{
    public static void main(String args[])
    {
        A b = new B();
        System.out.println("x = " + b.getResult(10, 1));
    }
}
class B extends A
{
    final public int getResult(int a, int b) { return a + b; }
}
class A extends Result
{
    public int getResult(int a, int b) { return a * b; }
}
```

Select one:

- ☒ a. x = 10 ❌
- ☐ b. compilation error
- ☐ c. x = 11
- ☐ d. Runtime error

The correct answer is: x = 11



Question 4

Not answered

Marked out of

1.00

Predict the outputs *

```
public class Delta
{
    static booleanfoo(char c)
    {
        System.out.print(c);
        return true;
    }
    public static void main( String[] argv )
    {
        int i = 0;
        for (foo('A'); foo('B') && (i < 2); foo('C'))
        {
            i++;
            foo('D');
        }
    }
}
```

NOTE: THERE IS A SPACE IN BETWEEN boolean foo method in the given program

Select one:

- ☐ a. ABDCBDCB
- ☐ b. ACDBBDCB
- ☐ c. ABCDBCBD
- ☐ d. ABCDBCDB

The correct answer is: ABDCBDCB



Question 5

Correct

Mark 1.00 out of

1.00

predict the correct output??

```
class Main
{
    static short k = 255;

    public static void main(String [] args)
    {
        for (k = 0; k < 3; k++)
        {
            switch (k)
            {
                case 1 : System.out.print(" Bennett ");
                case 2 : System.out.print(" CSE ");
                default : System.out.print(" University ");
            }
        }
    }
}
```

Select one:

- ☒ a. University Bennett CSE University CSE University ✓
- ☐ b. Bennett CSE University Bennett CSE University
- ☐ c. Bennett CSE University Bennett CSE University CSE University
- ☐ d. Bennett CSE University Bennett CSE University Bennett CSE University

The correct answer is: University Bennett CSE University CSE University



Question 6

Correct

Mark 1.00 out of

1.00

Predict the correct output?

```
public class Main {
    int calc(int[]... numbs) {
        int sum = 0, b, c;
        for (b = 0; b < numbs.length; b++) {
            for (c = 0; c < numbs[b].length; c++) {
                sum += numbs[b][c];
            }
        }
        return (sum);
    }
    public static void main(String args[]) {
        Main numbers = new Main();
        int sum = 1;
        sum = numbers.calc(new int[]{10, 20, 30, 40}, new int[]{40, 50, 60});
        System.out.println("The sum of the numbers is: " + sum);
    }
}
```

Select one:

- ☐ a. The sum of the numbers is: 150
- ☒ b. The sum of the numbers is: 250 ✓
- ☐ c. compilation error
- ☐ d. The sum of the numbers is: 100

The correct answer is: The sum of the numbers is: 250



Question 7

Partially correct

Mark 0.67 out of

1.00

which of the following code fragments (i.e. 1,2,3,4,5) will give compilation error?

```
interface Base
{
    boolean m1 ();
    byte m2(short s);
}

1. interface Base2 implements Base {}
2. abstract class Class2 extends Base
    {      public boolean m1(){ return true; }      }
3. abstract class Class2 implements Base {}
4. abstract class Class2 implements Base
    {      public boolean m1(){ return (7 > 4); }      }
5. abstract class Class2 implements Base
    {      protected boolean m1(){ return (5 > 7) } } }
```

Select one or more:

- ☐ a. FRAGMENT 3
- ☐ b. FRAGMENT 4
- ☒ c. FRAGMENT 1 ✓
- ☐ d. FRAGMENT 5
- ☒ e. FRAGMENT 2 ✓

The correct answers are: FRAGMENT 1, FRAGMENT 2, FRAGMENT 5



Question 8

Correct

Mark 1.00 out of

1.00

Predict the correct outputs

```
public class Main {
    public static void main(String[] args) {
        ABC g = new ABC();
        g.abc_method();
    }
}
class ABC {
    protected void abc_method() {
        XYZ cg = new XYZ();
    }
}
class XYZ {
    public XYZ() {
        System.out.print(" Greater Noida ");
    }
    PQR icg = new PQR();
    DEF gicg = new DEF();
    class PQR {
        public PQR() {
            System.out.print(" Science ");
        }
        TUV h = new TUV();
        public class TUV {
            public TUV() {
                System.out.print(" Computer ");
            }
            public void print() {
                System.out.print(" Science ");
            }
        }
    }
}
class DEF {
    public DEF() {
        System.out.print(" Bennett University ");
    }
}
}
```

Select one:

- ☒ a. Computer Science Bennett University Greater Noida ✓
- ☐ b. Computer Science Greater Noida Bennett
- ☐ c. Computer Bennett Science University Greater Noida
- ☐ d. Bennett University Computer Science Greater Noida

The correct answer is: Computer Science Bennett University Greater Noida



Question 9

Correct

Mark 1.00 out of

1.00

Predict the correct outputs

```
class Main {  
    public static void main(String args[ ])   
    {  
        int j = 6, i = 0;  
        System.out.print("The Values of i and j are: ");  
        for (int x = 0; i < ++x + x++; i += x, j += x)  
        {  
            System.out.print(i + " " + j + ", ");  
            x--;  
        }  
    }  
}
```

Select one:

- ☐ a. The Values of i and j are: 0 9, 1 10, 3 11, 6 12,
- ☐ b. The Values of i and j are: 0 5, 1 6, 3 9, 6 12,
- ☐ c. The Values of i and j are: 1 6, 2 7, 3 9, 6 12,
- ☒ d. The Values of i and j are: 0 6, 1 7, 3 9, 6 12, ✓

The correct answer is: The Values of i and j are: 0 6, 1 7, 3 9, 6 12,

Question 10

Partially correct

Mark 0.50 out of

1.00

Select the properties that are true for increment (++) and decrement operator .

Select one or more:

- ☒ a. final variables can't apply increment or decrement operators ✓
- ☐ b. nesting of increment or decrement operator is possible
- ☐ c. internal type casting will not be performed automatically by the compiler in the case of increment and decrement operator
- ☐ d. Increment & decrement operators can not be applied on constant values

The correct answers are: final variables can't apply increment or decrement operators, Increment & decrement operators can not be applied on constant values



Question 11

Correct

Mark 1.00 out of

1.00

PREDICT THE OUTPUT?

```
public class Main {  
    public static void main(String args[]) {  
        Computer mouse = new Laptop();  
        System.out.println(mouse.getValue(200, 100));  
    }  
}  
  
class Notebook {  
    int getValue(int a, int b) {  
        if (a > b)  
            return a;  
        else  
            return b;}}  
  
class Computer extends Notebook {  
    int getValue(int a, int b) {  
        return a * b;}}  
  
class Laptop extends Computer {  
    int getValue(int a, int b) {  
        return b - a;}}}
```

Select one:

- ☐ a. 20000
- ☐ b. 200
- ☐ c. 100
- ☒ d. -100 ✓

The correct answer is: -100



Question 12

Incorrect

Mark 0.00 out of

1.00

Predict the correct outputs

```
class Main
{
    public static void main(String s[])
    {
        float f = 75.0f;
        double d = 75.0;
        int i = 75;

        if( f == d )
        {
            if( f == i )
            {
                System.out.println("Bennett University");
            }
            else
            {
                System.out.println("Computer Science");
            }
        }
        else
        {
            System.out.println("Greater Noida");
        }
    }
}
```

Select one:

- ☐ a. Bennett University
- ☐ b. Computer Science
- ☒ c. Greater Noida ❌
- ☐ d. No output

The correct answer is: Bennett University



Question 13

Not answered

Marked out of

1.00

Write the correct outputs

1 pt

```
public class Main {
    Main m;
    public static void main(String... k) {
        Animal a;
        System.out.print((a = new Cat()).prey().getClass().getSimpleName() + " ");
        System.out.print((a = new Rabbit()).prey().getClass().getSimpleName() + " ");
    }
}
abstract class Animal {abstract Animal prey();}
class Cat extends Animal {
    Cat prey() {
        return this;
    }
}
class Rabbit extends Animal { Animal prey() { return this; }}
abstract class Lion extends Animal {
    Animal prey() { return this; }
}
```

Answer:



The correct answer is: Cat Rabbit

Question 14

Partially correct

Mark 0.67 out of

1.00

State the correct statements regarding inheritance in java

Select one or more:

- ☐ a. overriding is considered as late binding
- ☐ b. class can extends more than one class at a time
- ☒ c. class can extends only one class at a time and can't extends more than one class ✓
- ☒ d. interface can extends any number of interfaces ✓

The correct answers are: class can extends only one class at a time and can't extends more than one class, interface can extends any number of interfaces, overriding is considered as late binding



Question 15

Correct

Mark 1.00 out of

1.00

predict the correct output?

```
class Main
{public static void main(String[] args){
new M().product(2);
new O().product(3);
new P().product(4);}}
class M{
int product(int i){
int result = i * i*2;
System.out.print(" M = " + result + ",");
return result;}}
interface N{
public int product(int i);}
class O extends M implements N{
public int product(int i){
int result = super.product(i) * i;
System.out.print(" O = " + result + ",");
return result;}}
class P extends O{
public int product(int i){
int result = super.product(i) + i;
System.out.print(" P = " + result);
return result;}}
```

Select one:

- ☐ a. M = 8, M = 18, O = 54, M = 16, O = 64, P = 132
- ☒ b. M = 8, M = 18, O = 54, M = 32, O = 128, P = 132 ✓
- ☐ c. RUNTIME EXCEPTION
- ☐ d. M = 4, M = 18, O = 54, M = 32, O = 128, P = 66
- ☐ e. compilation error

The correct answer is: M = 8, M = 18, O = 54, M = 32, O = 128, P = 132



Question 16

Correct

Mark 1.00 out of

1.00

Predict the outputs *

```
public class Main
{
    static int i = 100, j = 120;
    int m = 33, n = 45;
    public static void main(String[] args)
    {
        Main a1 = new Main();
        Main a2 = new Main();
        a1.i = 10;
        System.out.println(a2.i);
        a2.j = 20;
        System.out.println(a1.j);
        a1.m = 30;
        System.out.println(a2.m);
        a2.n = 40;
        System.out.println(a1.n);
    }
}
```

Select one:

- ☐ a. 100
20
33
40
- ☒ b. 10
20
33
45
- ☐ c. 100
120
30
40
- ☐ d. 10
120
30
45

The correct answer is:

10
20
33
45



Question 17

Correct

Mark 1.00 out of

1.00

Write the correct outputs

1 po

```
class Loop {
    public static void main(String args[])
    {
        int count = 10;
        LOOP: for (int row = 1; row <=3; row++)
            for(int col = 1; col <=2 ; col++)
            {
                if(row * col % 2 == 0) continue LOOP;
                count++;
            }
        System.out.println(count);
    }
}
```

Answer: 12



The correct answer is: 12

Question 18

Correct

Mark 1.00 out of

1.00

Write the correct output?

```
public class Sketch {
    static int ad = 100;
    static int bc = 200;
    static {
        ad += 1;
        bc += 1;
    }
    public static void main(String args[]) {
        ad += 5;
        bc += 10;
        System.out.println(ad + bc);
    }
    static {
        ad += 100;
        bc += 200;
    }
}
```

Answer: 617



The correct answer is: 617



Question 19

Not answered

Marked out of

1.00

Write the correct output

1

```
public class Main {  
    public static void main(String[] args) {  
        String name = "Bennett University";  
        String bennett = "", university = "";  
        char charArray[] = name.toCharArray();  
        for (int i = 0; i < name.length(); i++) {  
            bennett += charArray[i];  
        }  
        for (int i = 1; i < charArray.length; i++) {  
            university += name.charAt(i);  
        }  
        if (bennett.length() == university.length()) {  
            System.out.print("Bennett University " + true);  
        } else {  
            System.out.print("Bennett University " + (bennett == university));  
        }  
    }  
}
```

Answer:



The correct answer is: Bennett University false



Question 20

Correct

Mark 1.00 out of

1.00

predict the output?

```
class Main{
public static void main(String s[]){
int i = 2103;
A a = new A();
B b = new B();
b.execute();}}
class A{
int i = 12;
A()
{
int i = 321;
}
}
class B extends A
{
void execute()
{
System.out.println("i = " + i);
}}
```

Select one:

- ☐ a. compilation error
- ☐ b. i = 321
- ☒ c. i = 12 ✓
- ☐ d. i = 2103

The correct answer is: i = 12



Question 21

Incorrect

Mark 0.00 out of

1.00

State the correct statements:

Select one or more:

- ☐ a. It is possible to create an array without name such type of nameless arrays are called anonymous arrays
- ☒ b. In java multidimensional arrays are implemented as array of arrays approach but not matrix form ✓
- ☐ c. Internally, Java uses ASCII code representation
- ☒ d. All data types are considered as signed data types ✗

The correct answers are: In java multidimensional arrays are implemented as array of arrays approach but not matrix form, It is possible to create an array without name such type of nameless arrays are called anonymous arrays



Question 22

Correct

Mark 1.00 out of

1.00

predict the output?

```
public class ArrayOutput
{
    public static void main(String s[])
    {
        int student_marks[ ] = new int[39];
        student_marks = new int[ ]{10, 20, 30};
        int[ ] my_array = null;
        my_array = student_marks;
        System.out.println("My Array length is: " + my_array.length);
        System.out.println("Student Marks Array length is: " + student_marks.length);
    }
}
```

Select one:

- ☐ a. My Array length is: 3
Student Marks Array length is: 39
- ☐ b. compilation error
- ☐ c. My Array length is: 39
Student Marks Array length is: 3
- ☒ d. My Array length is: 3
Student Marks Array length is: 3 ✓

The correct answer is: My Array length is: 3

Student Marks Array length is: 3



Question 23

Correct

Mark 1.00 out of

1.00

PREDICT THE OUTPUT?

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

        String string = "Bennett University, Computer Science Engineering";
        char str1[] = string.toCharArray();
        char str2[] = new char[21];
        int pos;

        for(pos=0; pos<18; pos++);
        {
            str2[pos] = str1[pos];
        }
        System.out.print(str1);
        System.out.print(str2);
    }
}
```

Select one:

- ☐ a. Bennett University,
- ☐ b. Bennett University, Computer Science Eng,
- ☒ c. Bennett University, Computer Science Engineering, ✓
- ☐ d. Computer Science Engineering,

The correct answer is: Bennett University, Computer Science Engineering,

Question 24

Not answered

Marked out of

1.00

State the properties that are associated with the final and abstract keyword

Select one or more:

- ☐ a. Abstract class cannot contain final method
- ☐ b. Abstract class can contain final method
- ☐ c. Final class cannot contain abstract method
- ☐ d. Both abstract and final keywords can be jointly applied to methods

The correct answers are: Final class cannot contain abstract method, Abstract class can contain final method



Question 25

Incorrect

Mark 0.00 out of

1.00

predict the correct output?

```
public class Main {  
    public static void main(String s[]) {  
        process(1);}  
    public static void process(int input) {  
        try {  
            process2(input);  
        } finally{}  
        catch (Exp1 ex) {  
            System.out.println("Exception occurs");}}  
    public static void process2(int input) throws Exp1 {  
        if (input == 1) {  
            throw new Exp1(25);}}}  
    class Exp1 extends Exception {  
        int errorCode;  
        public Exp1(int a) {  
            errorCode = a;  
            System.out.println("Exception A occurred with error code = " + errorCode);} }  
}
```

Select one:

- ☒ a. Exception A occurred with error code = 25
Exception occurs ❌
- ☐ b. Exception A occurred with error code = 1
Exception occurs
- ☐ c. compilation error
- ☐ d. Exception occurs

Exception A occurred with error code = 25

The correct answer is: compilation error



Question 26

Incorrect

Mark 0.00 out of

1.00

Which of these statements is incorrect?

Select one or more:

- ☒ a. Two thread in Java can have the same priority ❌
- ☐ b. A thread can exist only in two states, running and blocked
- ☐ c. By multithreading CPU idle time is maximized, and we can take maximum use of it
- ☒ d. By multithreading CPU idle time is minimized, and we can take maximum use of it ❌

The correct answers are: By multithreading CPU idle time is maximized, and we can take maximum use of it, A thread can exist only in two states, running and blocked

Question 27

Not answered

Marked out of

1.00

Write the correct outputs

```
public class Main {
    public static void main(String args[]) {
        ABC mouse = new XYZ();
        System.out.println(mouse.getValue(20, 10));
    }
}
class PQR {
    int getValue(int a, int b) {
        if (a > b)
            return a;
        else
            return b;
    }
}
class ABC extends PQR {
    int getValue(int a, int b) {
        return 2 * super.getValue(b, b);
    }
}
class XYZ extends ABC {
    int getValue(int a, int b) {
        return super.getValue(2 - b, 2 * b);
    }
}
```

Answer: ❌

The correct answer is: 40



Question 28

Incorrect

Mark 0.00 out of

1.00

which of the methods in the Test class fail to compile?

```
class ABC extends Exception {}
class XUV extends ABC {}
class Test {
    void m1() {
        try { throwA(false); throwB(true); } catch (XUV aex) {}
    }
    void m2() {
        try { throwA(true); throwB(false); } catch (ABC bex) {}
    }
    void m3() throws ABC {
        try {
            throwA(false); throwB(true);
        } catch (XUV bex) {
            throw bex;
        }
    }
    void m4() throws XUV {
        try {
            throwA(true); throwB(false);
        } catch (ABC aex) {
            throw aex;
        }
    }
    void throwA(boolean throwEx) throws ABC {
        if (throwEx) throw new ABC();
    }
    void throwB(boolean throwEx) throws XUV {
        if (throwEx) throw new XUV();
    }
}
```

Select one:

- ☐ a. m2 & m3
- ☒ b. m1 & m2 ✖
- ☐ c. m1 & m4
- ☐ d. m3 & m4

The correct answer is: m1 & m4



Question 29

Correct

Mark 1.00 out of

1.00

predict the output?

```
public class Main {  
    public static void main(String[] args) {  
        int a = 0;  
        int b = 0;  
        Main ro = null;  
        int c = ro.sum_second(a, b);  
        long d = ro.sum_first(a, b);  
        ro = new Main();  
        int e = ro.sum_second(c, d);  
        System.out.print("a" + b + "c" + d + "e");  
    }  
    private static int sum_second(int a, int b) {  
        System.out.print("a" + b);  
        return a + b;  
    }  
    private static int sum_first(int b, int a) {  
        System.out.print(a + "b");  
        return a - b;  
    }  
    private long sum_second(int a, long b) {  
        System.out.print(a + b);  
        return a + b;}}}
```

Select one:

- ☒ a. compilation error ✓
- ☐ b. a00b0a0
- ☐ c. a00b0a0c0e
- ☐ d. a99b18a9c9e

The correct answer is: compilation error



Question 30

Correct

Mark 1.00 out of

1.00

PREDICT THE OUTPUT?

```
public class Main
{
    public static void main(String[] args)
    {
        long[][] input = new long[3][];
        input[0] = new long[2];
        input[1] = new long[3];
        input[2] = new long[5];
        input[0][1] = 12L;
        System.out.println(input[0][1]);
    }
}
```

Select one:

- ☐ a. COMPILATION ERROR
- ☒ b. 12 ✓
- ☐ c. 0
- ☐ d. input@437567832

The correct answer is: 12



Question 31

Correct

Mark 1.00 out of

1.00

Predict the outputs

```
interface calculate
{
    void cal(int item);
}
class displayA implements calculate
{
    int x;
    public void cal(int item)
    {
        x = item * item;
    }
}
class displayB implements calculate
{
    int x;
    public void cal(int item)
    {
        x = item / item;
    }
}
class Main
{
    public static void main(String args[])
    {
        displayA arr1 = new displayA();
        displayB arr2 = new displayB();
        arr1.x = 0;
        arr2.x = 0;
        arr1.cal(2);
        arr2.cal(2);
        System.out.print(arr1.x + " " + arr2.x);
    }
}
```

Select one:

- ☐ a. 2 2
- ☐ b. 4 2
- ☐ c. 2 1
- ☒ d. 4 1 ✓

The correct answer is: 4 1



Question 32

Correct

Mark 1.00 out of

1.00

predict the output??

```
class Main
{
    public static void main(String args[])
    {
        try
        {
            System.out.print("Bennett " + " " + 1 / 0);
        }
        catch(NullPointerException e)
        {
            System.out.print("CSE ");
        }
        finally
        {
            System.out.print("Noida ");
        }
    }
}
```

Select one:

- ☐ a. CSE NOIDA
- ☐ b. Bennett Noida Exception in thread "main" java.lang.ArithmeticException: / by zero at Main.main(Main.java:7)
- ☒ c. Noida Exception in thread "main" java.lang.ArithmeticException: / by zero at Main.main(Main.java:7) ✓
- ☐ d. Exception in thread "main" java.lang.ArithmeticException: / by zero at Main.main(Main.java:7)

The correct answer is: Noida Exception in thread "main" java.lang.ArithmeticException: / by zero at Main.main(Main.java:7)



Question 33

Correct

Mark 1.00 out of

1.00

Predict the correct outputs

```
class Parent
{
    public static void display()
    {
        System.out.print("Greater Noida ");
    }
    public void show()
    {
        System.out.print("India ");
    }
}
public class Main extends Parent
{
    public static void display()
    {
        System.out.print("Bennett University ");
    }
    public void show()
    {
        System.out.print("Computer Science ");
    }
    public static void main(String args[])
    {
        Parent pc = new Main();
        pc.display();
        pc.show();
    }
}
```

Select one:

- ☐ a. Bennett University India
- ☐ b. Computer Science
- ☒ c. Greater Noida Computer Science ✓
- ☐ d. Bennett University

The correct answer is: Greater Noida Computer Science



Question 34

Not answered

Marked out of

1.00

predict the output?

```
public class Main {  
    public static void main(String[] args) {  
        Main o = new Main();  
        o.side();  
        Inner1 i1 = new Inner1();  
        i1.side();  
    }  
    public void side() {  
        Inner1 i1 = new Inner1();  
        i1.side();  
        System.out.print("-Bennett Unievrslty-");  
    }  
    public Main() {  
    }  
    class Inner1 extends Main  
    {  
        public Inner1() {  
        }  
        public void side() {  
            System.out.print("-Computer Science-");  
        }  
    }  
}
```

Select one:

- ☐ a. -Computer Science--Bennett Unievrslty-
- ☐ b. -Bennett Unievrslty--Computer Science-
- ☐ c. compilation error
- ☐ d. Runtime error: stack overflow

The correct answer is: compilation error



Question 35

Correct

Mark 1.00 out of

1.00

Predict the outputs *

```
class examples {  
    public static void main(String[] args)  
    {  
        byte b1 = 127;  
        int b2 = b1;  
        System.out.print( b1 );  
        b1 = b2;  
        System.out.print( b2 );  
    }  
}
```

Select one:

- ☐ a. 127 127
- ☐ b. 0 127
- ☐ c. 127 0
- ☒ d. Compilation error ✓

The correct answer is: Compilation error



Question 36

Not answered

Marked out of

1.00

Predict the correct outputs

```
public class Main {
    public static void main(String[] args) {
        ABC ob = new ABC();
        ob.show();
        XYZ go = new PQR();
        XYZ ra = new XYZ() {
            public String display() {
                return "Science ";
            }
            public void show() {
                System.out.print("Computer ");
            }
        };
        go.show(); go.display();
        ra.show(); ra.display();
        System.out.print(((PQR) go).output());
    }
}

class ABC {
    void show() { System.out.print("Bennett University "); }
}

interface XYZ {
    String display();
    void show();
}

class PQR extends ABC implements XYZ {
    int output() { return 2020; }
    public String display() { return " Greater "; }
    public void show() { System.out.print(" Noida "); }
}
```

Select one:

- ☐ a. Bennett University Noida Science 2020
- ☐ b. Bennett University Noida Computer 2020
- ☐ c. Bennett University Greater Noida Computer 2020
- ☐ d. Bennett University Computer Science 2020

The correct answer is: Bennett University Noida Computer 2020



Question 37

Correct

Mark 1.00 out of

1.00

Predict the outputs *

```
public class Main {  
    public static void print(short a)  
    {  
        System.out.print("Bennett");  
        System.out.print(a);  
    }  
    public static void print(Short a)  
    {  
        System.out.print("University");  
        System.out.print(a);  
    }  
    public static void print(Long a)  
    {  
        System.out.print("CSE ");  
        System.out.print(a);  
    }  
    public static void main(String[] args) {  
        Short a = 1;  
        int b = 2;  
        long c = 10;  
        print(a);  
        print((short) b);  
        print(c);  
    }  
}
```

Select one:

- ☐ a. UniversiBennett 2CSE 10
- ☒ b. University 1Bennett 2CSE 10 ✓
- ☐ c. University 1
- ☐ d. CSE 10

The correct answer is: University 1Bennett 2CSE 10



Question 38

Correct

Mark 1.00 out of

1.00

Predict the outputs *

```
public class Test
{
    public int getData()
    {
        return 0;
    }
    public long getData()
    {
        return 1;
    }
    public static void main(String[] args)
    {
        Test obj = new Test();
        System.out.println(obj.getData());
    }
}
```

Select one:

- ☒ a. Compilation Error ✓
- ☐ b. 0 1
- ☐ c. 1
- ☐ d. 0

The correct answer is: Compilation Error



Question 39

Correct

Mark 1.00 out of

1.00

Predict the correct output?

```
class Parent
{
    public static void display()
    {
        System.out.println("Bennett University");
    }
    public void show()
    {
        System.out.println("Computer Science");
    }
}

public class Main extends Parent
{
    public static void display()
    {
        System.out.println("Greater Noida");
    }
    public void show()
    {
        System.out.println("India");
    }
    public static void main(String args[])
    {
        Parent pc = new Main();
        pc.display();
        pc.show();
    }
}
```

Select one:

- ☐ a. India
- ☐ b. Compilation error
- ☒ c. Bennett University
India ✓
- ☐ d. India
Bennett University
- ☐ e. Bennett University

The correct answer is: Bennett University

India



Question 40

Incorrect

Mark 0.00 out of

1.00

Predict the outputs *

```
public class Main {  
    public static void main(String[] args) {  
        Main o = new Main();  
        o.side();  
        Inner1 i1 = new Inner1();  
        i1.side();  
    }  
    public void side() {  
        Inner1 i1 = new Inner1();  
        i1.side();  
        System.out.print("-Bennett Unievrstiy-");  
    }  
    public Main() {  
    }  
    class Inner1 extends Main  
    {  
        public Inner1() {  
        }  
        public void side() {  
            System.out.print("-Computer Science-");  
        }  
    }  
}
```

Select one:

- ☐ a. Computer Science--Bennett Unievrstiy-
- ☐ b. Compilation Error
- ☒ c. -Bennett Unievrstiy- ❌
- ☐ d. -Computer Science-

The correct answer is: Compilation Error

