

POSSESSION OF MOBILE IN EXAMINATION IN UFM PRACTICE

Name of Student ----- Enrolment No. -----

Department -----

BENNETT UNIVERSITY, GREATER NOIDA

Minor 1, SPRING SEMESTER 2017-18

COURSE CODE: **ECSE102L**

MAX. DURATION: **One hour**

COURSE NAME: **Object Oriented Programming Using Java**

COURSE CREDIT: **SIX**

MAX. MARKS: **10**

Note:

- All the questions are compulsory.
- Please write precisely and neatly.
- Answer the question in the space provided in the question paper.
- No additional sheets will be provided to you.

Question 1) What is the out of the following code:

1 Mark

```
public class Question3 {
    public static void main(String[] args) {
        String str1 = "Minor Exam";
        String str2 = "MINOR EXAM";
        if(str1.equals(str2)) {
            System.out.println("1:Values are same");
        }else {
            System.out.println("2:values are not same");
        }
        if(str1.equalsIgnoreCase(str2)){
            System.out.println("3:Values are same");
        }else {
            System.out.println("4:values are not same");
        }
    }
}
```

1:	2:values are not same 3:Values are same	2:	1:values are same 4:values are not same
3:	1:values are same 3:Values are same	4:	2:values are not same 4:values are not same



Question2) What is the out of the following code:

1Mark

```
public class Question1 {  
  
    private int var1;  
    private String name;  
  
    public int getVar1() {  
        return var1;  
    }  
    public void setVar1(int var1) {  
        this.var1 = var1;  
    }  
    public String getName() {  
        return name;  
    }  
    public void setName(String name) {  
        this.name = name;  
    }  
  
    public static void main(String[] args) {  
        Question1 question1;  
  
        System.out.println(question1.getVar1()+"  
"+question1.getName());  
  
        question1.setName("Minor 1");  
        question1.setVar1(10);  
        System.out.println(question1.getVar1()+"  
"+question1.getName());  
    }  
}
```

1: 10 Minor 1 10 Minor 1	2: Compilation error: variable not initialized
3: 0 null 10 Minor 1	4: 2:values are not same 4:values are not same

Question 3) What is the default size of byte data type:

1Mark

1: 8 bit	2: 64 bit
3: 32 bit	4: 28 bit

Question 4) What is the output of the following code:

1 Mark

```
public class Question4 {  
    public static void main(String[] args) {  
        int i=1,b=2,c=1,k=20,out;  
        out = ++i/--b + b++%++c + --k*i;  
        System.out.println("output of the expression is "+ out);  
    }  
}
```

1:	38	2:	19
3:	41	4:	39

Question 5) Define the following terms using examples (Any two):

2 Marks

- a) for loop
- b) break and continue
- c) void

Answer 5.1)

Answer 5.2)

Question 6) What will be the output of the following code:

1Mark

```
public class Q8 {  
  
    public static void main(String[] args) {  
        // TODO Auto-generated method stub  
        for (int i = 0; i < 2; i++) {  
            for (int j = 0; j < 10; j++) {  
                if(j<5)  
                    break;  
                System.out.println("Inside inner loop");  
            }  
            System.out.println("inside outer loop");  
        }  
    }  
}
```

Answer:

Question 7) What will be the output of the following code:

1Mark

```
public class Question5 {  
    public static void main(String[] args) {  
        int var = 3;  
        for (int i=1;i<=5;i++) {  
            System.out.println(i*var);  
        }  
    }  
}
```

Answer:

Question 8) What is class and object in java, explain the concept of class and java using any case study. Also explain the role of stack and heap in the creation of objects. **2 Marks**

Answer 8)

