

Question No: 1**Given:**

```

1. public class test (
2. public static void main (String args[]) {
3. int i = 0xFFFFFFFF1;
4. int j = ~i;
5.
6. }
7. )

```

What is the decimal value of j at line 5?

- A. 0
- B. 1
- C. 14
- D. -15
- E. An error at line 3 causes compilation to fail.
- F. An error at line 4 causes compilation to fail.

Answer: C**Question No: 2 Given:**

Integer i = new Integer (42); Long l = new Long (42); Double d = new Double (42.0);

Which two expressions evaluate to True? (Choose Two)

- A. (i == 1)
- B. (i == d)
- C. (d == 1)
- D. (i.equals (d))
- E. (d.equals (i))
- F. (i.equals (42))

Answer: D, E**Question No: 3 Exhibit :**

```

1. public class test (
2. private static int j = 0;
3.
4. private static boolean methodB(int k) (
5. j += k;
6. return true;
7.
8. public static void methodA(int i) {

```

9. boolean b;
10. b = i < 10 | methodB (4);
11. b = i < 10 || methodB (8);
12.)
- 13.
14. public static void main (String args[]) (
15. methodA (0);
16. system.out.println(j);
17.)
18.)

What is the result?

- A. The program prints “0”
- B. The program prints “4”
- C. The program prints “8”
- D. The program prints “12”
- E. The code does not complete.

Answer: B

Question No: 4 Given

1. Public class test (
2. Public static void main (String args[]) (
3. System.out.println (6 ^ 3);
4.)
5.)

What is the output?

Answer: 5

Question No: 5 Given:

1. public class Foo {
2. public static void main (String [] args) {
3. StringBuffer a = new StringBuffer (“A”);
4. StringBuffer b = new StringBuffer (“B”);
5. operate (a,b);
6. system.out.println{a + “,” +b};
7.)
8. static void operate (StringBuffer x, StringBuffer y) {
9. x.append {y};
10. y = x;
11.)
12. }