Quiz 2 – Chapters 8 -13 and Notes

# Multiple Choice:

1. C
2. D
3. A
4. D
5. C
6. A
7. D
8. A
9. C
10. D
11. C
12. D
13. B
14. B
15. D
16. A
17. C
18. B
19. D
20. A

# Short Answer:

1. The Code is below:

// Now the object takes in values.

**public** Account(**int** number, String type, **double** balance)

{

**this**.number = number;

**this**.type = type;

**this**.balance = balance;

**this**.customer = getCustomer(number);

}

1. The method is below:

/\* Set a new type \*/

**public** **void** setType(String type) {

**this**.type = type;

}

1. ???
2. .

**private** **static** **int** *tranCount* = 0;

1. ???

# Problem 26.

//SqrtException.java

**import** java.util.Scanner;

**public** **class** SqrtException //1

{

**public** **static** **void** main(String[] args) **throws** ArithmeticException

{

Scanner in = **new** Scanner(System.***in***);

**double** num, result;

System.***out***.print("Enter a number: ");

num = in.nextDouble();

**try** //2

{

**if** (num < 0)

**throw** **new** ArithmeticException(); //3

result = Math.*sqrt*(num);

System.***out***.println("Result is: " + result); //4

}

**catch**(ArithmeticException e) //5

{

System.***out***.println("Can't take square root of negative number");

}

}

}