



Examiner: Mohamed Mabrouk
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Group: 1

Answer the following ... questions:

(Total points: 100)

1st Question

marks: 50

Choose the best answer:

1- Static fields/methods of a class can be referenced via _____

- a. Object name only
- b. Class name only
- c. Class name or object name
- d. None of the above

2- If a method in super class is declared as protected, then which of those access modifiers can be used when overriding this method in a subclass _____

- a. Protected only
- b. Public only
- c. Protected or public
- d. Private only

3- If a field is declared final, then its value can be initialized _____

- a. When declared only
- b. In constructor(s) only
- c. When declared or in constructor(s)
- d. At any time but only once

4- Java supports passing by reference. State True or False.?

- a. True
- b. False
- c. May be
- d. Can't say

5- By default, strings are initialized to empty string ("") in constructors. State True or False.?

- a. True
- b. False
- c. May be
- d. Can't say

2nd Question

marks: 50

What is the expected output of the following program?

```
package org.example.test;

class BankAccount {
    String holderName;
    float balance;
    public BankAccount(String holderName, float balance) {
        this.holderName = holderName;
        this.balance = balance;
    }
}
```



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```
public static void main(String[] args) {  
    BankAccount bankAccount = new BankAccount("Ahmed", 2000F);  
    System.out.println(bankAccount);  
}  
  
}
```

org.example.test.BankAccount@123456

With My Best Regards,

Mohamed Mabrouk