

PMAS-Arid Agriculture University Rawalpindi

University Institute of Information Technology

Quiz #: 01

Student Name: Zaheer Akbal

Course Code: _____

Marks: _____

Reg. #: 21-Arid-684

Class: BSCS (Even) 5A

Date: _____

Student's Signature: [Signature]

Teacher's Signature: _____

(1) C++ Vs Java (compilation procedure by diagram)

(2) Differentiate b/w private/public/protected

(3) Define b/w constructor & methods

(4) Differentiate b/w
Define JDK, JRE, JVM, Byte code

(5) Declare array of 100 students.

(2) Private which can be written inside

Public which can be written outside
the code. Public can be written
in private but private can not be
written in public.

(4) constructor can be defined as
the program in which
code can be executed
it runs as constructor.

Methods can be defined
as the program
is which is
written in
methods.

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Quiz #: 1

Student Name: Tunaid Ahmed

Course Code: _____

Marks: _____

Reg. #: 21-Arid-583

Class: BSCS 5-A (Eve)

Date: _____

Student's Signature: Tunaid

Teacher's Signature: _____

Q#2: Difference between private/public/protected.

In public - the scope is used within the class (only) and outside of it as a global variable.

In private - the scope of variable is restricted within the class only.

In protected - the scope is restricted within the class until requested globally.

Q#3: Difference between Constructor & Method

The constructor is defined as an additional property by the user in class while a Method is a package which is already defined in the class by system.

Q#5: Declare an array of 100 students.

```
public void array (int size)
{
    Scanner objInput;
    Double salary;
    String Name;
    (int) arr size;
    public void read ()
    for (int i=0 ; i<arr size; i++)
    {
        System.out.println("Name is : " + Name);
        System.out.println("Salary is : " + Salary);
        System.out.println(System.in);
    }
}
```


QUIZ#1

21-A-544

BS CS S-A

Differentiate b/w private, public and protected

- Private members are only accessible within the class
- Public members are accessible from any part of the program, both within and outside the class
- Protected members are accessible within the class where they are defined and in subclasses (inheritors) of that class.

JDK, JRE, JVM, Byte Code

- JDK is a software package containing tools for Java application development, including a compiler, debugger and libraries
- JVM (Java Virtual Machine) is an execution environment for Java byte code, translating and running Java program on different platforms
- JRE (Java Runtime Environment) is an environment that allows running Java applications. It includes JVM and core libraries
- Byte code: Its an intermediate representation of Java code, executed by the JVM, making Java platform independent