FUNDAMENTALS OF JAVA
ASSIGNMENT

Q.1 What is Programming language?

Ans. Programming Language is a computer language which is used by humans to communicate with the Computers. It consists of various sets of instructions.

Ex. JAVA, C++, C, PYTHON, etc.

Q.2 Why do we need a programming language?

Ans. It is the most efficient way to communicate with the computers and make them understand the task whatever we want to perform.

Q.3 What are the features of Java?

Ans.
- Portable
- Easy to understand
- Platform Independent / WORA(write once run anywhere)
- Secure
- Open source
- Object Oriented

Q.4 What is an Object?

Ans. Object is the instance of the class.

Syntax: suppose student is a class

```
student s=new student();
s.marks();
s.attendance();
```

Q.5 What is a Class?

Ans. Class is defined as the real-world entity. It is mainly the blueprint of an object.

Syntax:

```
Class Student{
    String Name;
    Int age;
    String address;
```

```
        void marks(){
                //body
        }
    }
```

Q.6 Explain about the main() method in Java?
Ans. It tells JVM the starting or execution point of a program.

```
syntax:-
public static void main(String[] args){
        // body
}
```

public- access specifier which depicts the scope of this method
static- It depicts that this method can be evoked without object creation.
void- return type
main-name of method
String[] args- parameters ,receive command line arguments