

Unit - I

- 1 Q:- what are JAVA Versions & Editions. Explain.
- 2 Q:- Explain standAlone application and Internet application.
- 3 Q:- Explain JDK, JRE, JVM.
- 4 Q:- what are oops concepts/principles. Explain.
- 5 Q:- Explain Java features/buzzwords in detail.
- 6 Q:- what is
 1. what is a class. Explain with syntax.
 2. what is object. Explain its syntax.
 3. what is abstraction. Explain types of abstractions.
 4. what is Encapsulation, Polymorphism ~~with~~ explain with example.
 5. what is compile time Polymorphism and Runtime Polymorphism.
 6. what is inheritance. Explain all with examples.

7. What is Architecture neutral, Portable,
Robust, Dynamic, Multi-threaded,
Distributed, Interpretive, high-
performance.

Q:- what are data types. Explain (or)

Explain Primitive and non-primitive
data types in detail.

Q:- what is a variable. Explain different types of
variables. Explain Scope and lifetime of
a variable with Syntax.

1. Explain local variable, Instance Variable,
static variable.

Q:- Explain what are the differences between
POP and OOP.

Q:- Explain the difference between C, C++
Java.

11 Q:- what is an Array. Explain different types of Arrays; what is Jagged Array or Array of Arrays with ~~exp~~ examples.

12 Q:- what is an operator. Explain different types of operators with example. (or)

Q:- what is

1. Arithmetic operator with operations .

2. Relational , , , , .

3. logical , , , .

4. Unary , , = .

5. Assignment , , .

6. Ternary , , - .

7. Bitwise , , .

8. Shift , , .

9. special operators, conditional operators .

Q:- what is Expression. Explain with example.

Q:- what are control statements. Explain different types of control statements with Example. (or)

Q:- what are selection statements or decision making ~~sts~~ control statements. Explain. (or)

Q:- what are Iterative statements or loop statements explain in briefly (or)

Q:- what are jump statements. Explain briefly. (or)

1. Explain with syntaxes.

1. if, if-else, nested-if, switch.

2. for, while, do-while.

(S) 3. break, continue, return, goto.

Q:- Explain Type conversion & Type casting in detail (or)

Explain Implicit & explicit type conversions.

- 16 Q:- Explain structure of Java program in detail. (or)
- Q:- what is
public, static, void, main, System.out,
Print, println, string args;
(or)
- Q:- what is
Documentation section, package section, import
section, class section.
- 17 Q:- How to compile and execute a Java program.
- 18 Q:- what is a constructor. explain in detail with
syntax and example.
- 19 Q:- what is a method. Explain different types of
methods with syntax and examples.
(or)
- Q:- what is method Terminology (or) what
1. method prototype
2. method body & logic
3. method parameters & logic
4. method signature
5. method Return type.

Q:- Explain about Access controls / Access
specifiers / Access modifiers in detail.
(or)

Q:- Explain about

1. public
2. private
3. protected
4. default

with Syntaxes and
examples.

Q1

Q:- How many types of constructors are
there. Explain (or)

Q:- Explain default constructor &
Parameterized constructor.

Q2

Q:- Explain about Garbage Collection.

Q3

Q:- Explain about this keyword with
syntax & example.

Q4

Q:- Explain Method Overloading.

25

Q:- what is parameter Passing . Explain
what are the types of parameter passings.
(or)

Explain call-by-value,
call-by-reference.

26.

Q:- Explain about Exploring string class.
Explain with suitable examples.