

## USIT401 SYBSC(IT) Sem-4 Core Java

### Unit-1 Question Bank

Q No	Question	Page No
1	List & explain the salient features of java	1-4
2	Explain java architecture with diagram	1-7
3	What is a Java class file? How is the working of a Java program different from the C++?	1-8
4	What is Java Virtual Machine(JVM)? Explain JVM components	1-9
5	Explain the main() method used in java with example	1-24
6	Explain Data Types in java	2-3
7	What is an array? Write a program of array in java	2-10
8	Write a short note on operators used in java	2-13
9	Write a short note on if statement	3-2
10	Write a short note on if...else statement	3-3
11	When do we use switch-case statements? Explain with example	3-5
12	List & Explain all Loops in Java	4-2

### Unit-2 Question Bank

Q No	Question	Page No
1	What is Class ? How is class defined in Java?	5-3
2	How instance variables and objects are declared in Java	5-3
3	Write a short note on types of classes.	5-4
4	What is an access modifier ?	5-6
5	Explain the semantics and functionality of the give statements : Rectangle rec = new Rectangle(a,b)	5-8
6	Write a short note on class methods	5-9
7	What is method overloading? Explain in detail	5-11
8	What are variable arguments ?	5-12
9	What is a constructor ? Explain its types	5-13
10	Write a short note on constant in Java	5-15
11	Explain static fields of class	5-16
12	Write a short note on garbage collection	5-18

### Unit-3 Question Bank

Q No	Question	Page No
1		
2		
3		
4		
5		
6		
7		

8		
9		
10		
11		
12		

#### Unit-4 Question Bank

Q No	Question	Page No
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		

#### Unit-5 Question Bank

Q No	Question	Page No
1		
2		
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		