1511N562

Candidate's Seat No :

B.Sc. Sem.-5 Examination
CC 303
Computer Science
November-2022

Time : 2-30 Hours]

[Max. Marks : 70

Q.1		Write the following.	
	A	Explain the features of java.	7
	B	What is JVM? Explain its mechanism.	7
		OR	
	A	Discuss the different access specifies used in java.	7
	B	(1) How to create objects? What happens when you create objects? (2) Public static void main (String args[]).	7
Q.2		Write the following.	
	A	Explain data types in java.	7
	B	Explain any three types of java operators with example.	7
		OR	
	A	Explain command line argument with a program.	7
	B	Illustrate the usage of break and continue statement with example.	7
Q.3		Write the following.	
	A	Explain this and super keyword in java.	7
	B	Explain method overloading with example.	7
		OR	
	A	What is constructor overloading? Illustrate with a Program.	7
	B	Define inheritance. Explain any 2 types of inheritance with an example.	7
Q.4		Write the following.	
	A	Explain the concept of interface.	7
	B	What is thread? Explain the life cycle of thread.	7
		OR	
	A	What is thread? Explain the various ways of creating threads in JAVA with example.	7
	B	What is a Package? Mention the steps to create and use JAVA package with an Example.	7
Q.5		Attempt any seven out of twelve.	
			14

1. Java is platform independent. Justify.

2. Write any two characteristics of java.

3. What is instance variable? Give an Example.

4. Why do we need synchronization in java?

5. What are static variables?

6. Why is Java called as a platform independent language?

7. Give the general form of switch statement.

8. What is the difference between constructor and Method?

9. What is the difference class and abstract class?

10. Mention any four thread methods.

11. Define a package. Mention its use.

12. Mention the ways of implementing multithreading in java.