## TINITO

## UNIT - I

- 1 (a) What is Class? Explain the concept of member function and member variable in detail.
  - (b) What is data encapsulation?

## OR

- (a) What is Inheritance? Explain the types of Inheritance in detail.
- (b) Discuss the concept of polymorphism with a suitable example.

## UNIT - II

- 2 (a) What are the inline functions? What are the limitations of inline functions? Explain.
  - (b) What are the difference between constructors and destructors?

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rtu	ionlin <b>2</b>	e.con (a)	How does a object of drive class access the mer class?	uonline.com mber of base		
				8		
		(b)	What is function Overloading? Explain with example.	ı a suitable		
	-			8		
			UNIT - III			
rtuonline.com rtuonline.com	3	(a) (b)	Explain the key features of Java.			
	3			8	7	
			Explain "Java as a virtual machine".		rtuonline.com	
				8		
			OR		e.cc	
			Write a Java program to multiply two matrix of 2×2.	im to multiply two matrix of an order of		
		4.)		. 8		
		(b)	What are the Applets? Discuss its application	. 8		
		(a)	UNIT - IV			
	4		Explain the following with suitable example:			
			(i) Bitwise operator			
			(ii) Boolean logic operator.			
		(b)		8	8 =	
			Write a Java program to calculate simple intre		tuonline.com	
				8	ine	
			OR		.co	
	4	(a)	What is operator precedence? Explain in brief		H	
		(b)	Write a Java program to print the following pa	attann :		
		(6)	1	attern		
			2 2			
			3 3 3			
			4 4 4 4			
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UNIT - V

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