

Note: Answer any FIVE full questions, choosing ONE full question from each module.

## Module-1

Sixth Semester B.E. Degree Examination, July/August 2022 **Programming in JAVA** 

Time: 3 hrs.

USN

CBCS SCHEME

a.	What are different types of operators in Java? Explain them.	(10 Marks)
b.	Write a program to find biggest among 3 numbers using ternary operator.	(05 Marks)
c.	Differentiate between while – loop and do-while loop in Java.	(05 Marks)

4	a.	Write a java program to perform simple calculator operation.	(05 Marks)
	b.	Discuss for – each loop with an example.	(05 Marks)
	c.	Demonstrate the use of :	
		i) Continue statement in while loop	
		ii) Break statement in do while loop.	(10 Marks)

a.	Explain class with an example.	(05 Marks)
b.	What are constructors? Explain with an example.	(05 Marks)
с.	Explain the following :	
	i) this keyword	
	ii) Garbage collection in Java	
	iii) finalize() method.	(10 Marks)

(05 Marks)

## Module-4

- What is package? How to create and import package in java. Explain with an example. a.
  - (10 Marks) What is an interface? Explain how to define and implement interface by taking suitable b. example. (10 Marks)

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Max. Marks: 100

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OR

a.	What is an exception? Explain the following :	
	i) try	
	ii) catch	
	iii) throw	
		(12 Marks)
b.	How do you create your own exception class? Explain with a program.	(08 Marks)
	Module-5	
a.	What is applet? Explain program in applet with an example.	(10 Marks)
b.	Explain the following :	
	i) Enumerations	
	ii) Type wrappers.	(10 Marks)
	OR	
a.	What is string in Java? Explain string class constructors with an example.	(10 Marks)
b.	· · · · · · · · · · · · · · · · · · ·	
	i) String comparison method	
		(10 Marks)
	b. а. b.	<ul> <li>i) try</li> <li>ii) catch</li> <li>iii) throw</li> <li>iv) throws</li> <li>v) finally.</li> <li>b. How do you create your own exception class? Explain with a program.</li> <li>Module-5</li> <li>a. What is applet? Explain program in applet with an example.</li> <li>b. Explain the following : <ul> <li>i) Enumerations</li> <li>ii) Type wrappers.</li> </ul> </li> <li>OR</li> <li>a. What is string in Java? Explain string class constructors with an example.</li> <li>b. Explain the following :</li> </ul>

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