Reg. No.				

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UG DEGREE END SEMESTER EXAMINATIONS - NOVEMBER 2025.

(For those admitted in June 2023 and later)

PROGRAMME AND BRANCH: B.C.A.

SEM	CATEGORY	COMPONENT	COURSE CODE	COURSE TITLE
IV	PART – III	CORE -7	U23CA404	PROGRAMMING IN JAVA

Date & Session: 05.11.2025/FN Time: 3 hours Maximum: 75 Marks

			70.11.2020/1 ¹ N				
Course Outcome	Bloom's K-level	Q. No.	SECTION – A (10 X 1 = 10 Marks) Answer <u>ALL</u> Questions.				
CO1	K1	1.	Which component of J	ava is responsible	e for running the	compiled Java	
			bytecode? a) JDK b)	JVM c) JRE	d) JIT	
CO1	K2	2.	Which loop construct known?				
			, - ,	while loop c)		d) break statement	
CO2	K1	3.	Which is the keyword a) Inherits b)		class to another? implements	d) import	
CO2	K2	4.	Exception created by t a) catch b) t	-	t in which block final	d) none	
CO3	K1	5.	Which class is used to create a thread in Java? a) Thread b) Runnable c) Process d) Executor				
CO3	K2	6.	Which class is used to Java? a) InputStreamReader			based input stream in der d) Scanner	
CO4	K1	7.	Which method is calle a) stop()	-	g the run time of c) stat()	applet. d) destroy()	
CO4	K2	8.	An applet is a Java class that extends the a) java.Applet class b) java class c) Applet class c) java.applet.Applet class				
CO5	K1	9.	Which of the following window? a) JPanel	function is used to b) JCombo		oplication's top-level d) JButton	
CO5	K2	10.	Which event listener in JComboBox? a) ActionListener	nterface is used fo	r handling item s	selection events in a	

Course Outcome	Bloom's K-level	Q. No.	$\frac{\text{SECTION} - B \text{ (5 X 5 = 25 Marks)}}{\text{Answer } \frac{\text{ALL Questions choosing either (a) or (b)}}$	
CO1	КЗ	11a.	Draw and explain the JVM architecture.	
CO1	КЗ	11b.	(OR) Write a structure of Simple java program with suitable steps.	
CO2	К3	12a.	Illustrate about Method Overloading and Overriding with an example. (OR)	
CO2	КЗ	12b.	Summarize the Extending Interfaces with an example program.	
CO3	K4	13a.	How to create a Thread using Runnable interface? Explain with an example. (OR)	
CO3	K4	13b.	Write a java program using File Handling.	
CO4	K4	14a.	Draw and distinguish the AWT class hierarchy. (OR)	
CO4	K4	14b.	Analyse the Adapter classes with example Program.	
CO5	K5	15a.	Differentiate JCheckBox & JRadioButton. (OR)	
CO5	K5	15b.	Explain the following (i) JLabel (ii) JTextField (iii) JTextArea	

Course Outcome	Bloom's K-level	Q. No.	$\frac{\text{SECTION} - C}{\text{All Questions choosing either (a) or (b)}}$ Answer $\frac{\text{ALL Questions choosing either (a) or (b)}}{\text{All Questions choosing either (a) or (b)}}$		
CO1	КЗ	16a.	What is Datatypes? List the various Datatypes and explain it.		
			(OR)		
CO1	К3	16b.	Write about Constructors with an example program.		
CO2	K4	17a.	Write the outline of Packages with example.		
			s(OR)		
CO2	K4	17b.	Summarize the Implementation and Extending Interfaces.		
CO3	K4	18a.	Construct a Multithreading in java with the use Thread Synchronization.		
			(OR)		
CO3	K4	18b.	Explain about Reading console Input and Writing Console output in java.		
CO4	K5	19a.	Explain the following with an example program		
			(i) Labels		
			(ii) Button		
			(iii) Text Components		
			(OR)		
CO4	K5	19b.	Describe the handling of Mouse and Keyboard Events.		
CO5	K5	20a.	Briefly explain about Containers and Top level containers.		
			(OR)		
CO5	K5	20b.	Explain the following with an example program.		
			i) JList ii) JComboBox iii) JScrollPane		