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G. VENKATASWAMY NAIDU COLLEGE (AUTONOMOUS), KOVILPATTI – 628 502.



UG DEGREE END SEMESTER EXAMINATIONS - APRIL 2025.

(For those admitted in June 2023 and later)

PROGRAMME AND BRANCH: B.Sc., COMPUTER SCIENCE

SEM	CATEGORY	COMPONENT	COURSE CODE	COURSE TITLE
IV	PART-III	CORE-4	U23CS404	JAVA PROGRAMMING

Date &amp; Session: 28.04.2025/AN

Time: 3 hours

Maximum: 75 Marks

Course Outcome	Bloom's K-level	Q. No.	SECTION – A (10 X 1 = 10 Marks) Answer <u>ALL</u> Questions.
CO1	K1	1.	Which of the following is not an OOPS concept in Java? a) Polymorphism b) Inheritance c) Encapsulation d) Compilation
CO1	K2	2.	Which of these packages contains abstract keyword? a) java.util b) java.io c) java.lang d) java.system
CO2	K1	3.	Which keyword is used for inheritance in Java? a) new b) extends c) this d) super
CO2	K2	4.	What is the parent class of all classes in Java? a) String b) Class c) System d) Object
CO3	K1	5.	Thread priority in Java is? a) Integer b) double c) Float d) long
CO3	K2	6.	In java a thread can be created by ____ a) Extending the thread class b) Implementing Runnable interface c) Both of the above d) None of these
CO4	K1	7.	Give the abbreviation of AWT ? a) Applet Windowing Toolkit b) Abstract Window Toolkit c) Absolute Windowing Toolkit d) None of the above
CO4	K2	8.	Which is the container that contain title bar and can have MenuBars? It can have other components like button, textfield etc.? a) Pane b) Frame c) Window d) Container
CO5	K1	9.	The ____ class serves as the foundation for all Swing components. a) JComponent b) JTextField c) JWindow d) JButton
CO5	K2	10.	A ____ is a container that provides a viewport for showing a piece of a bigger component. a) JScrollPane b) JScrollPane c) JScrollBar d) JScroll

Course Outcome	Bloom's K-level	Q. No.	<b>SECTION – B (5 X 5 = 25 Marks)</b> <b>Answer <u>ALL</u> Questions choosing either (a) or (b)</b>
CO1	K3	11a.	Discuss about various data types in Java. <b>(OR)</b>
CO1	K3	11b.	Illustrate constructors with suitable examples?
CO2	K3	12a.	Examine Member Access and Inheritance. <b>(OR)</b>
CO2	K3	12b.	Demonstrate Nested Interface in Java.
CO3	K4	13a.	Explain about Deadlock. <b>(OR)</b>
CO3	K4	13b.	Explain Java File Handling methods?
CO4	K4	14a.	Demonstrate AWT Text Components? <b>(OR)</b>
CO4	K4	14b.	Explain AWT Mouse Event Handling? With simple Programme.
CO5	K5	15a.	Brief the concept of Swing JTextField with example. <b>(OR)</b>
CO5	K5	15b.	Briefly explain Swing JScrollPane?

Course Outcome	Bloom's K-level	Q. No.	<b>SECTION – C (5 X 8 = 40 Marks)</b> <b>Answer <u>ALL</u> Questions choosing either (a) or (b)</b>
CO1	K3	16a.	Discuss java buzzwords in detail. <b>(OR)</b>
CO1	K3	16b.	Illustrate various java operators.
CO2	K4	17a.	Justify the concept of inheritance with an example program. <b>(OR)</b>
CO2	K4	17b.	Define Interface? Implementing Interface?
CO3	K4	18a.	Discuss Thread Model and Thread Priorities. <b>(OR)</b>
CO3	K4	18b.	Explain various ways of creation of thread with examples.
CO4	K5	19a.	Explain about the AWT Windows fundamentals. <b>(OR)</b>
CO4	K5	19b.	Discuss different Font and Layout managers.
CO5	K5	20a.	Illustrate Swing Components and Containers? <b>(OR)</b>
CO5	K5	20b.	Categorize Various Swing Buttons?