K25FY3534 Pages: 2 Reg No:.....
Name:.....

Third Semester FYUGP Degree (Reg) Examination November 2025

KU3DSCCSC201 - OBJECT ORIENTED PROGRAMMING USING JAVA

2024 Admission onwards

Time : 1.5 hours Maximum Marks : 50

Section A

Answer any 6 questions. Each carry 2 marks.

1. What are public static voidmain(String args[]) and System.out.println() ?
2. What is variable in java?Give an example
3. Which keyword is used to declare an interface?
4. What is a package in Java?
5. How does a Checkbox work in AWT?
6. Write the name of the method used in ActionListener to handle action events.
7. What does the finalize method do?
8. What is abstract method?

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Section B

Answer any 4 questions. Each carry 6 marks.

9. Differentiate between Checkbox and CheckboxGroup.
10. Explain the purpose of AWT controls, such as buttons and text boxes.
11. Define ItemEvent. Explain with a program how ItemListener can be used to handle events in a Checkbox or Choice component.
12. Write short notes on constructors. Explain with examples of default and parameterized constructors.
13. Differentiate between Method Overriding and Method Overloading with suitable examples
14. Define inheritance. Explain single inheritance in Java with an example program.

Section C

Answer any 1 questions. Each carry 14 marks.

15. Discuss the conditional control structure in Java, including if, if-else and switch statements. Explain their syntax and usage with example

16. Write a detailed note on Synchronization and Thread Safety in Java. How does Java ensure consistency of shared resources? Provide examples.

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