

Roll No.

--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Total No. of Pages : 02

Total No. of Questions : 07

BCA (Sem.–5)
PROGRAMMING IN JAVA
Subject Code : UGCA1932
M.Code : 90315
Date of Examination : 28-06-2025

Time : 3 Hrs.

Max. Marks : 60

INSTRUCTIONS TO CANDIDATES :

1. SECTION-A is COMPULSORY consisting of TEN questions carrying TWO marks each.
2. SECTION-B contains SIX questions carrying TEN marks each and students have to attempt any FOUR questions.

SECTION - A

1. Write briefly:

- a) What is the meaning of first line of java program "public static void main (String args[])"?
- b) How Java differs from C++?
- c) Define Java tokens.
- d) What are the challenges of Java?
- e) What are string functions in Java?
- f) What are packages?
- g) Write the importance of interfaces.
- h) Differentiate between Applet with Applications.
- i) What is thread Synchronization?
- j) What is event-handling?

SECTION - B

2. **Explain following :**

a) Constructed and its syntax.

b) Method Overloading

3. Discuss various loop statements and branching statements available in Java. Show their syntax.

4. How do we create a Java applet? Discuss its life cycle showing passing parameters to Applets.

5. What is error and exception handling in Java? How would you handle the exception using Try and Catch?

6. What is inheritance? Explain its types with example.

7. What are the inbuilt streams available in Java I/O package? Discuss data I/P and O/P streams.

NOTE : Disclosure of Identity by writing Mobile No. or Marking of passing request on any paper of Answer Sheet will lead to UMC against the Student.