

A-0850

Total Pages : 4

Roll No. -----

BCA-13

Programming in Java

Bachelor of Computer Application (BCA)

4th Semester Examination 2024(Dec.)

Time: 2:00 hrs

Max. Marks: 70

Note : This paper is of Seventy (70) marks divided into Two (02) Section A and B. Attempt the questions contained in these sections according to the detailed instructions given therein. Candidates should limit their answers to the questions on the given answer sheet. No additional (B) answer sheet will be issued.

P.T.O.

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Section-A (Long-Answer-Type Questions)

Note : Section 'A' contains Five (05) long-answer-type questions of Nineteen (19) marks each. Learners are required to answer any Two (02) questions only.

[2x19=38]

- Q.1. What are the features of OOPs? Explain in detail.
- Q.2. Define the concept of class & object in java with proper example.
- Q.3. What is the concept of Arrays in java? Explain with example.
- Q.4. What is Exception handling in java? Explain try-catch block in detail.
- Q.5. What is string manipulation in java? Give any one example of it.

Section-B (Short-Answer-Type Questions)

Note : Section 'B' contains Eight (08) short-answer-type questions of Eight (08) marks each. Learners are required to answer any Four (04) questions only.

[4x8=32]

- Q.1. What is the concept of Methods in java? Explain.
- Q.2. What is Applets in Java? Explain.
- Q.3. Write a program to find prime number using function?
- Q.4. Write a program to delete an element in array.
- Q.5. What do you understand by switch case in java?
- Q.6. What is the concept of abstraction in java?
- Q.7. Define implementing & applying interface in Java?

P.T.O.

Q.8. What do you understand static & this keywords in java?
