

Roll No.

Total No. of Pages : 02

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DEP, BCA (Sem-5)  
**PROGRAMMING IN JAVA**

Subject Code : BSBC-502

M.Code : 70629

Date of Examination : 10-06-2023

Time : 3 Hrs.

Max. Marks : 60

**INSTRUCTION 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 a student has to attempt any FOUR questions.

**SECTION-A**

**1. Answer briefly :**

- a) Constant
- b) Variable
- c) Method overriding
- d) Constructor
- e) Jagged Array
- f) Wrapper classes
- g) Panel
- h) doGET method
- i) AWT
- j) Layout managers.

## SECTION-B

2. a) Write a program in Java to input a number and print its table.  
b) List the features of Java Programming language.
3. Write steps how we can create and use packages in Java.
4. Explain the need of interface in java. And write difference between class and interface.
5. Explain any 5 String Functions that we can use in Java.
6. Discuss the concept of Exception Handling in detail.
7. a) Write difference between AWT and Swings.  
b) Explain Item Listener and Action Listener interfaces in detail with the help of an example.

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