

**BOARD DIPLOMA EXAMINATION****MODEL PAPER MID SEM-I****JAVA PROGRAMMING***DCSE Second Year - IV Semester*

Time : 1 Hour

Total Marks : 20

**PART - A****4 × 1 = 4***Note : Answer all questions. Each question carries One marks.*

1. List out any four keywords of java.
2. Compare Java & C++.
3. Define inheritance.
4. What is 'super' keyword.

**PART - B****2 × 3 = 6***Note : Answer all questions. Each question carries Three marks.*

5. (a) Describe the java data types.  
(or)
5. (b) Describe string classes and methods.
6. (a) Compare class and interface.  
(or)
6. (b) Briefly explain scope of variables in interfaces.

**PART - C****2 × 5 = 10***Note : Answer all questions. Each question carries Five marks.*

7. (a) Develop a java program using static and final variables.  
(or)
7. (b) Explain the structure of java with an example program.
8. (a) Explain the concept of interfaces with an example program.  
(or)
8. (b) Develop a java program to implement multiple inheritance through interfaces.