

**BOARD DIPLOMA EXAMINATION**  
**MODEL PAPER-I SEMESTER END EXAMINATION**  
**JAVA PROGRAMMING**

*DCSE Second Year - IV Semester*

Time : 2 Hour

Max. Marks : 40

**PART - A**

**8 × 1 = 8**

*Note : Answer all questions. Each question carries One marks.*

1. Write the syntax to declare a variable.
2. List out java API packages.
3. Define multithreading.
4. List the uses of final keyword.
5. List the types of errors.
6. Define inter thread communication.
7. Define JDBC.
8. Define Servlet.

**PART - B**

**4 × 3 = 12**

*Note : Answer all questions. Each question carries Three marks.*

9. (a) Describe the use of command line arguments.  
(or)
9. (b) Discuss about thread priorities.
10. (a) Describe the concept of class path.  
(or)
10. (b) List different types of JDBC drivers.
11. (a) What is synchronization? When do we use it?  
(or)
11. (b) Demonstrate life cycle of a thread.
12. (a) Discuss about Resultset.  
(or)
12. (b) List some classes in javax.servlet package.



## PART - C

4 × 5 = 20

**Note :** Answer all questions. Each question carries Five marks.

13. (a) Write a java program using constructor.  
(or)
13. (b) Explain the process of creating thread using Runnable interface.
14. (a) Write a java program to handle keyboard events.  
(or)
14. (b) Develop a java application to establish a connection to database.
15. (a) Explain the concept of multi-catch statements with example programs.  
(or)
15. (b) Explain deadlock with an example program.
16. (a) Write a java program to insert update and delete data from a database.  
(or)
16. (b) Develop a java program to handle HTTP requests.

Thursday 1500  
Friday 700  
Saturday 0000  
Sun 0000  
01

1500  
700  
0000  
0000  
105000  
105000