

Half Yearly Examination 2020-21

B.C.A. III Year

Programming in Java

BCA - 302

Time: 3 Hours

Max. Marks = 100

Min. Marks = 40

Note:- Attempt any two questions from each unit . Each question carries equal marks.

UNIT-I

1. Write a note on 2D arrays in Java.
2. Discuss the concept of wrapper classes.
3. Write a note on vectors.

UNIT-II

1. Write a note on abstract and final classes.
2. Discuss the concept of method overriding.
3. Explain the concept packages and their implementation.

UNIT-III

1. Write a note on throwing exceptions.
2. Discuss the concept of try & catch in exception handling.
3. Write a note on threading in java.

UNIT-IV

1. Write a note on streams with focus on predefined streams.
2. Discuss the concept of TCP/IP client & server sockets.
3. Write a note on JDBC. Describe any one type of connectivity.

UNIT-V

1. Write a note on Applet life cycle.
2. Discuss the theme of creating windows.
3. Write a note on delegation and event model.