

**END TERM EXAMINATION – November/December-
2022/January-2023
SEMESTER – VII
(B.Tech.)**

Subject Code: CS 4035
Subject: ADVANCED JAVA
PROGRAMMING

Duration: 3 hours
Max. Marks: 100

Instructions

- All Questions are compulsory
- The Question paper consists of 2 sections - Part A contains 10 questions of 2 marks each. Part B consists of 5 questions of 16 marks each.
- There is no overall choice. Only Part B question include internal choice.

**PART – A
(2 * 10 = 20 Marks)**

1. Give example of java steaming
2. Give an example of components.
3. Draw a diagram of bean with example.
4. Explain javascript with an example.
5. What are the components of client server?
6. Give examples of sockets.
7. What are the examples of connecting to databases?
8. What are the real-life examples of JDBC?
9. Give overview and challenges of 3D graphics.
10. What is the JAR file format?

**PART – B
(16 * 5 = 80 Marks)**

11. a) Explain with examples, how byte code interpretation can be done?

OR

b) With examples, explain media techniques.

12.a) Why applets were discontinued by oracle?

OR

b) What are the animation techniques?

13.a) Give examples and explanation of object serialization.

OR

b) What are the RMI? Explain with examples.

14. a) Compare database support in web applications.

OR

b) Give an account of interacting.

15.a) Give overview and challenges of swing programming.

OR

b) With an explanation, give examples of internationalization.