

Roll No. _____

24469

**B. Tech, 7th Semester (CSE)
Examination – February, 2022**

ADVANCED JAVA

Paper : CSE-409-E

Time : Three Hours]

[Maximum Marks : 100

Before answering the questions, candidates should ensure that they have been supplied the correct and complete question paper. No complaint in this regard, will be entertained after examination.

Note : Attempt *five* questions in all, selecting *one* question from each Section. Question No. 1 is *compulsory*. All questions carry equal marks.

1. Write short note on the following : 4 × 5 = 20
- (a) Array in java
 - (b) Encryption
 - (c) Socket programming
 - (d) Java IDL and CORBA

SECTION - A

2. How to make URL connection in java ? Explain with the help of example. 20

3. (a) What is inheritance ? Explain different types of inheritance with example. 10
(b) Explain how to achieve exception handling in java. 10

SECTION - B

4. What is database ? Explain JDBC connectivity in detail WAP for updating result set. 20

5. What is RMI ? Explain the setup for Remote Method Invocation. 20

SECTION - C

6. What is swing ? Explain the following components :
4 x 5 = 20

- (a) List
- (b) TREE
- (c) TABLE
- (d) Progress Indicator

24469- (P-3)(O-9)(22) (2)

7. Define AWT ? Discuss various components of AWT with programming. Also write difference b/w AWT and swing. 20

SECTION - D

8. What is Java bean ? Explain how beans can be used to make an application with example. 20

9. Write short note on the following: 10 x 2 = 20

- (a) Digital Signature
- (b) Byte Code Verification

24469- (P-3)(O-9)(22) (3)