

Roll No. :

Total No. of Questions : 9 | Total No. of Pages : 3

24469

B.Tech. (IT) 7th Semester
Examination, March-2021

ADVANCED JAVA
Paper-CSE-100-F

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 question in all, selecting at least one question from each Section. Question No. 1 is compulsory.

1. Explain the following :

- (a) RMI
- (b) JAVA Beans
- (c) Type-2 and Type-3 drivers
- (d) Encryption and Digital signature 5×4=20

24469_1900

(1)

RD-169 P.T.O.

Section-A

- 2. (a) What is Exception ? List some of the most common type of exception that might occur in Java. Explain how to deal with exception. 20
- (b) What are the various data type used in JAVA Language ? Illustrate their declaration. 10,10
- 3. (a) Explain Arrays and its types with the help of an example. 20
- (b) Differentiate between exception and error. Also explain how to handle exception at run time with an example. 10,10

Section-B

- 4. (a) What is RMI ? How parameters are passed in remote methods ?
- (b) Explain the following :
 - (i) Java IDL
 - (ii) CCRA 10,10

24469_1900

(2)

RD-169

5. (a) Explain SOAP and CORBA.
(b) Explain RMI and its applications. 10,10

Section-C

6. Design an interface of a scientific calculator with the help of swing package. 20

7. Explain the following :

- (a) Rendering pipelines
(b) Clipboard
(c) Strokes
(d) Coordinate transformation *Computer* 20

Section-D

8. (a) How to create Jar File ?
(b) Explain Bean Development Kit. 10,10
9. What do you mean by Beans ? What are the naming patterns for Beans and Events ? How to build an applications using Beans ? Explain with example. 20