

Roll No.

24469

B. Tech. 7th Semester (CSE)

Examination – June, 2016

ADVANCED JAVA

Paper : CSE-409-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 : Question No. 1 is *compulsory* and the students have to attempt *one* question from each of four Sections. Thus students will have to attempt *five* questions out of 9 questions.

1. Explain the following :

5 × 4 = 20

- (a) Inheritance
- (b) RMI
- (c) Rendering pipeline
- (d) Java Beans

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SECTION - A

2. (a) Explain arrays and its types with the help of an example. 10
- (b) Differentiate between exception and error. Also explain how to handle exception at run time with an example. 10
3. (a) Explain the implementation of client server with the help of a program. 10
- (b) Write about advance socket programming in detail. 10

SECTION - B

4. (a) Describe JDBC and its types. 10
- (b) Define Transaction in detail. 10
5. Explain the following :
- (a) Application of RMI. 10
- (b) CORBA and SOAP. 10

SECTION - C

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

7. Explain the following :

4 × 5 = 20

- (a) Shapes
- (b) Areas
- (c) Strokes
- (d) Paint
- (e) Coordinate transformation

SECTION - D

8. (a) Explain Bean development kit. 10
- (b) How to create a jar file ? 10
9. Explain the given below : 5 × 4 = 20

- (a) Class loader
- (b) Digital signature
- (c) Encryption
- (d) Code signing