

24469

B. Tech. 7th Semester (CSE)

Examination – May, 2015

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 : Attempt *five* questions in all. Question 1 is *compulsory* and attempt *one* question from each Sections.

1. (a) Define a class. 20
- (b) What do you mean by a socket ?
- (c) What are row sets ?
- (d) What are the advantages of client server model ?
- (e) What are the different features of java bean ?
- (f) What are benefits of using swings ?
- (g) Name any *six* tools available in AWT.
- (h) What do you mean by byte code ?

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SECTION – A

2. (a) What is multithreading ? Mention its advantages and write a program that implements multithreading. 10
- (b) Explain exception handling in JAVA. 10
3. (a) What is a socket ? Describe different types of sockets. What are the applications of socket programming? 10
- (d) Explain the mechanism for making an URL connection. 10

SECTION – B

4. (a) Write a program to display Account details of bank customer using JDBC. The fields are Accno, Acc type, Customer name, Address and Acc. Balance. 10
- (b) Write a RMI program that calculates greatest common divisor of two given numbers. 10
5. Write notes on : 20
- (a) LDAP
- (b) SOAP

SECTION – C

6. Explain following with reference to AWT : 20
- (a) Image manipulation
- (b) Shapes
- (c) Drag and Drop

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7. What are java swings ? How we can implement lists and tables using swings ? 20

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SECTION - C

8. Write notes on :

20

- (a) Byte code verification
(b) Digital signatures

9. Explain the bean writing process. How they can be used for reusability of codes ? 20

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