

M.C.M. Semester-III Examination
3 MCM 2
ADVANCED JAVA PROGRAMMING

Time : Three Hours]

[Maximum Marks : 80

- N.B.:**— (1) Due credit will be given to neatness & adequate dimensions.
(2) Assume necessary data wherever necessary.
(3) Illustrate your answer wherever necessary with the help of neat sketches.

1. Explain :

- (1) InetAddress Class
- (2) Internet Address
- (3) URL
- (4) Socket.

16

OR

2. (a) Explain the following terms :

- (1) Socket for Server
- (2) Socket for Client.

8

(b) Write a program to demonstrate the use of factory methods of InetAddress.

8

3. (a) Write a program to demonstrate JDBC connectivity with ORACLE.

8

(b) Explain JDBC Architecture.

8

OR

4. (a) Explain :

- (1) JDBC URL
- (2) Statement Object.

8

(b) Explain CallableStatement with example.

8

5. (a) Explain RMI Architecture in detail.

8

(b) Explain Client Server Communication with proper diagram.

8

OR

6. (a) What are the various steps to develop RMI application ?

10

(b) Explain Remote Object Activation.

6

7. (a) Explain Life Cycle of Servlet. 10
(b) Explain features of servlet. 6

OR

8. (a) Explain Session & Session Tracking. 8
(b) Write a program to demonstrate parameter passing by using servlet. 8
9. (a) How to create & configure an instance of ourbutton Bean ? 8
(b) Explain Java Bean with advantage. 8

OR

10. (a) Explain :
(1) Simple Property
(2) Index Property. 8
- (b) Explain :
(1) Jar files
(2) Design Pattern for Events. 8