C 28409   (Pages : 2;   Name.....................................

Reg. No...............................

SECOND SEMESTER M.Sc. DEGREE EXAMINATION, JULY 2012

(CUCSS)

CS C2 C04—ADVANCED JAVA PROGRAMMING

(2010 admissions)

Time : Three Hours   Maximum : 36 Weightage

Part A

*Answer **all** questions.*
Each question carries 1 weightage.

1. Define Swing. Give any *two* advantages of swing.

2. Explain about stored procedure.

3. What is a Result set ? Explain

4. What is a stub and skeleton ?

5. What are factory classes ?

6. What is RMI Registry ?

7. What is Request Header ? Give example.

8. Define CGI and Servlet Context Listener.

9. Write a note on Initial Context Class in JNDI.

10. Explain about Session Bean.

11. What is the role of EJB ?

12. What is a JAR files ?

(12 x 1 = 12 weightage

Part B

*Answer any **six** questions.*
Each question carries 2 weightage.

13. Explain the functionality of any *three* window components in Java

14. Write the swing class hierarchy.

.15. With a diagram, explain RMI layers.

16. What is dynamically loaded class in RMI ?

17. Explain the life-cycle of a Servlet.

18. Explain. cookies.

Turn over

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19. Describe various implicit objects of the JSP. What is the scope of those objects ?

20. Write a short note on JTable.

21. What is a Java Beans ? What are the advantages of using Java Beans ?

(6 x 2 = 12 weightage)

Part C

Answer any **three** *questions.*
Each question carries **4 weightage.**

22. (a) What are the advantages and disadvantage of an applet ? Create an applet to read a hard disk.

    (b) Discuss the different types of JDBC ODBC drivers.

23. (a) How and why remote interface is used in RMI ?

    (b) Write a note on object socialization in RMI.

24. (a) Write a program using JSP tags to Compute Fibonacci numbers from 1 to 10.

    (b) What are the various JSP tags available.

25. Explain the Get and Set methods used for diagram architecture.

26. (a) Write a code to show the usage of an entity bean.

    (b) Write a note on JSP. Write a program to upload a file on server using JSP and Java Bean.

27. (a) What is MIMI type ? code for accepting two numbers from user display addition and multiplication of the numbers. If error occurs, then call JSP error page to display appropriate error message.

    (b) Write Servlet

(3 x 4 = 12 weightage)