C 44083 (Pages 2)

SECOND SEMESTER M.Sc. DEGREE EXAMINATION, AUGUST 2013

(CUCSS)

Computer Science

CSC 2C 04—ADVANCED JAVA PROGRAMMING

Time Three Hours

Maximum : 36 Weightage

Part A

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

1. Explain the use of CLASSPATH in Java.

2. Write a Swing application to display the random colors on the button click event.

3. Explain about JDBC drivers.

4. What is Remote Method Invocation (RMI) ?

5. What is a remote object ? How to access it ?

6. What is a Sen let chaining ?

7. Explain about HTTP.

8, What is a Response Header ? Give example.

9. Write a note on Initial Context class in JNDL.

10. Write short note on JAR filex.

11. What is the role of EJB container ?

12. What is Servlet filter ?

(12 x 1 12 weightage)

Part B

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

13. Write a short note on JTable.

14. What is an applet ? Explain about Japplet.

15. What are the applications of dynamically loaded classes ?

16. Write a short note on JTree.

Turn over

17. Explain the Java Servlet Architecture.

18. Explain the architecture of JNDI.

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

20. What are the; ptions available with the JAR file? List any five options ?

21. Explain Bean-info Interface briefly.

(6 x 2 = 12 weightage)

Part C

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

22. (a) Explain the JDBC Driver Model.

    (b) Explain different types of JDBC Driver Managers.

23. Write the procedure for Remote Object Activation.

24. (a) Explain Life cycle of Servlets.

    (b) Explain JSP Access Models and Session Management using JSP.

25. (a) Write a Servlet that displays square root and cube root of a number, which will be received from a HTML file. Also write the code for HTML file.

    (b) Explain any five tags used in HTML.

26. (a) What is meant by Design Pattern of the Beans ? What are the property types that support design patterns ?

    (b) Explain JSP Access Models and Session Management using JSP.

27. Create a bean that will calculate Simple Interest. Use bean in JSP program. Accept detail of saving like principal amount, rate of interest period-in years from user and display amount, user will get after the given number of years.

(3 x 4 = 12 weightage)