LOYOLA COLLEGE (AUTONOMOUS), CHENNAI – 600 034

M.Sc. DEGREE EXAMINATION – COMPUTER SCIENCE

FIRSTSEMESTER – APRIL 2018

17PCS1MC03- ADVANCED JAVA PROGRAMMING

Date: 02-05-2018   Dept. No.   Max. : 100 Marks
Time: 09:00-12:00

Section – A (10 X 2 == 20 Marks)

Answer all Questions

1. What do you mean by Inner class?
2. Write the features of JAVA.
3. Define an Applet.
4. What are the uses of Swing?
5. What is a Socket?
6. Define RMI.
7. What is Servlet?
8. What do you mean by JSP?
9. Define a Session.
10. What is Java Bean?

Section – B (5 X 8 == 40 Marks)

Answer all Questions

11 a).Write about Packages in JAVA. Give an example .

                              Or

   b).Explain with an example Multilevel Inheritance.

12 a). Write the commonly used methods in Applet Graphics classes.

                              Or

   b). Write about the Swing component List.

13 a). Write the methods available in Socket Class.

                              Or

   b). Explain the RMI Architecture.

14 a). Explain the lifecycle of a servlet.

                              Or

   b). Write about the JSP Scriptlet and Expression tag.

15 a). Discuss about Stateless session bean.

                              Or

   b). Explain the deployment descriptors.

Section – C (2 X 20 == 40 Marks)

Answer any TWO Questions

16 a). Explain in detail the exception handling with an example.

    b). Explain the component organizer in swing with an example.

17 a). Create an application to establish a client server communication using RMI.

    b) Explain in detail the JSP scripting elements.

18 a). Explain the Message driven bean with an example.

    b). Write a program to implement an inner class in Java.

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