

St.Joseph's College of Arts and Science (Autonomous)

PG & Research Department of Computer Science

Subject: Advanced Java Programming

Subject Code: CS407S

Class: II B.Sc (CS) (S-I & II) **Staff Name:** S.Antony Jones & S.Muthukumaran & Ms.AliceIllaymathi

UNIT I

Five Mark Questions

1. List out the differences between Application Programs and Applet programs
2. Explain the Applet Architecture.
3. Write a short note on about Applet Skeleton
4. Explain Applet Life Cycle.
5. Discuss about getDocumentBase() and getCodeBase() with example.
6. How will passing parameters in applet tags.
7. Write a simple program using applets.
8. How an Applet can be added to the HTML file?

Ten Mark Questions

9. Write a Java program to Loading Image onto Applets.
10. Write a Java program to draw a String "Hello" on applet
11. Write an applet program to draw a line.
12. Write down the steps for Creating and executing of an Applet.

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Unit-II

Five Mark Questions

1. Write a short note about Windows Fundamentals.
2. Discuss about the Color class with example.
3. Explain about the Font class.
4. Write an applet to display the name of the available font families in the window.

Ten Mark Questions

5. Explain AWT Controls with example.
6. Explain the methods used to draw various shapes in the window.
7. Discuss about the Layout Mangers.
8. Write a Java program for Incorporating Graphics Symbols onto Applet
9. Write a Java program for Creating Font Animation using Applet.

Unit-III

Five Mark Questions

1. Write a short note on types of Drivers of JDBC.
2. Write notes on Connection Class.
3. What is the role of ResultSet Class?
4. Write notes on Command Class
5. Explain the select & insert SQL commands with example.

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TEN Mark Questions

6. Explain the steps in connecting to JDBC data sources.
7. Explain the architecture of JDBC.
8. Write a Java program to read data from a database table and display all records in the window.

Unit-IV

Five Mark Questions

1. Explain the basic concept of Networking.
2. What is the use of InetAddress class? Explain.
3. What is URL? Discuss about URL class usage in Java.
4. Write a program to find IP address of a computer.

TEN Mark Questions

5. Discuss the role of TCP/IP sockets in networking.
6. Write a program to find the host name from IP Address .Explain.
7. Explain in detail about the Datagrams with suitable examples.
8. Write a Java program for to display protocol, hostname, port, file, path using URL class.

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Unit-V

Five Mark Questions

1. Explain the Architecture of the RMI
2. Write a simple program using Java beans.
3. Explain the Advantages of Java Bean.
4. Explain the properties of Java beans.

TEN Mark Questions

5. How to implement RMI in client and server side? Explain.
6. Summarize the concept of creating a Java bean