

Sant Lal Institute of Management and Information Technology

Internal Assignment

MCA 5th

Advance Java

Q.1 what do you understand by Swing define with an example?

Q.2 Write down notes of servlet working model?

Q.3 what is technical /Architectural overview of Common Object
Request Broker Architecture (CORBA)?

Q.4 What are the different methods used in java applet?

Q.5 Write down short notes on following

1. Java Beans
2. JBOSS Server
3. Java Server Page (JSP)
4. Multithreading
5. Collection

Computer Graphics and Multimedia

Q.1 Explain the term computer Graphics. Explain the input and hardcopy devices?

Q.2 Give the algorithm for scan conversion of circle using DDA method and midpoint algorithm ?

Q.3 what is the basic of Transformations. Discuss the coordinate reference frame?

Q.4 Define viewing coordinate with suitable figure and example. Explain the stack based seed fill algorithm?

Q.5 Explain the following.

- a. Resolution
- b. Vector Graphics
- c. Raster scan
- d. Clipping

Network Programming TCP/IP

Q1. Distinguish between TCP/IP and OSI Layer?

Q2. Define different types of Error Detection and correction method used in TCP/IP?

Q3. What is RFC 822?

Q4. Discuss the DNS and its work methodology?

Q5. Write down brief notes on following...

1. SMTP

2. UDC

3. Cryptography

4. HDLC

5. ICMP

Software Testing & Quality Management

Q.1 Describe how adding personal to a project that is behind schedule might the project completion date even later?

Q.2 Describe the Analysis Model?

Q.3 what is the requirement analysis?

Q4. What is project quality management?

Q5.5 writes down short notes on following.

1. Testing
2. Debugging
3. Software Life Cycle
4. Chart

Management Information System

Q. 1 Describe THREE levels of management, and explain the differing information requirements at each level.

Q.2 what is sensitivity analysis? What benefits do you get after sensitivity analysis?

Q.3 briefly explains about Product strategy.

Q.4 Give the various approaches for successful implementation of knowledge management and explain.

Q5. Write short notes on following

1. Knowledge Management
2. Business Intelligence
3. ERP
4. Growth Strategy
5. Business Intelligence tools