

Murang'a University of Technology

Department of Information Technology

SIT404: CLIENT SERVER SYSTEMS REVISION QUESTIONS

1. Client server is modular infrastructure, this is intended to improve usability, flexibility, interoperability and scalability. Explain each with an example. Also explain how it helps in improving the functionality of client server architecture? (10 marks)
2. Explain about network management and remote system management. How can security be provided to network? (8 marks)
3. Describe the various ways of reducing network traffic of client server computing. (6 marks)
4. Discuss about the role of traditional and web databases in handling client/server based applications. (6 marks)
5. Explain shared tiered client/server architecture. (4 marks)
6. What are the responsibilities of the DBA? Also discuss the capabilities that should be provided by a DBMS in your opinion (6 marks)
7. Explain Connectivity and Communication Interface Technology in client/server application. How does transmission protocol work in client/server application? (10 marks)
8. There are various types of characterizing client/server application depending on the database applications. With aid of diagrams explain the four classes of client/server application processing (8 marks)
 - (i) Host-based processing.
 - (ii) Server-based processing.
 - (iii) Client-based processing.
 - (iv) Cooperative processing.
9. Discuss about the role of traditional and web databases in handling client/server based applications. (6 marks)
10. Identify and discuss types of service providers that have arisen in the recent decades due to technological advancement and different customers service requirements. Give an example of each one (4 marks)