

Q2(a) With the help of a neat diagram, explain Distributed Computing Environment with LANs and WANs.

Answer Refer Page Numbers from 38 to 42 of textbook

Q2(b) State the differences between Network and System management.

Answer Refer Page Numbers from 70 to 73. of textbook

Q3(a) Explain Two-Tier and Three-Tier Network Management Organization Models with suitable diagrams.

Answer Refer Page Numbers 133 & 134 of textbook

Q3(b) Describe the Network Management Standards and their salient features.

Answer Refer Page Numbers from 129 to 131 of textbook

Q4(a) Draw the SNMP Network Management Architecture and explain its function.

Answer Refer Page Numbers from 181 to 183 of textbook

Q4(b) What is meant by Object Identifier in the structure of Management Information and explain different formats of declaration of Object Identifier.

Answer Refer Page Numbers from 184 to 186 of textbook

Q5(a) Describe specifications of SNMP Community Profile. Explain it with a diagram.

Answer Refer Page Numbers 231 & 232 of textbook

Q5(b) Explain RMON2 groups and functions.

Answer Refer Page Numbers from 360 to 364 of textbook

Q6 (a) Explain any four functional components of a Network Management Systems and explain their services with examples.

Answer Refer Page Numbers from 506 to 508 of textbook

Q6 (b) Write short notes on the following:-

- (i) **Bir Error Rate Tester**
- (ii) **Network Traffic Monitoring Tools**

Answer (i) Refer Page Numbers 487 & 488 of textbook
(ii) Refer Page Numbers 490 & 491 of textbook

Q7 (a) What is meant by fault? What are the five step processes involved in Fault Management? Explain Performance Metrics with a diagram.

Answer Refer Page Numbers 535, 537 & 538 of textbook

Q7 (b) Explain Cryptography. Describe the function of basic Cryptographic Communication with a diagram.

Answer Refer Page Numbers from 561 to 563 of textbook

Q8 (a) Differentiate between Report Management and Policy Based Management.

Answer Refer Page Numbers from 575 to 578 of textbook

Q8 (b) Write short notes on Accounting Management.

Answer Refer Page Number 574 of textbook

Q9 (a) Explain Embedded Web Based Management Configuration with a diagram. Give its features.

Answer Refer Page Numbers 588 & 589 of textbook

Q9 (b) What is the need of Java Dynamic Management Kit? Draw the Java Dynamic Management Agent Architecture and explain its function.

Answer Refer Page Numbers from 598 to 600 of textbook

TEXTBOOKS

NETWORK MANAGEMENT Principles and Practice by MANI SUBRAMANIAN, PEARSON EDUCATION PUBLISHERS, 2009 EDITION.