

**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.**