



- b) Explain various call processing function. 7
7. a) Explain clock instability. List the sources of clock instability in a Network. 7
- b) Write a short note on 'Elastic stores" in Network. 6
- OR**
8. a) Explain Network Synchronization. 7
- b) Write a short note on "Master-slave synchronization". 6
9. a) Explain various layers of OSI model. 8
- b) Write short note on satellite Communication. 6
- OR**
10. a) Explain Internetworking. Also give significance of Internetworking. 6
- b) Draw & explain ISDN. Architecture. 8
11. a) Explain cellular Telephone system. 7
- b) If a total of 33mHz of bandwidth is allocated to a particular FDD cellular Telephone system which uses two 25kHz simplex channels to provide full duplex voice & control channels, compute the number of channels available per cell if a system uses. 6
- a) Four cell reuse
- b) Seven cell reuse
- c) 12 Cell reuse.
- OR**
- 12 a) Explain co-channel interference in cellular system. Also explain co-channel reuse ratio. 7
- b) Explain about Roaming & handoff. 6

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