

Roll No.

22153

M. E./M. Tech. 2nd Semester (ECE)

Examination – June, 2013

SWITCHING SYSTEMS

Paper : MEEC-512

Time : Three Hours]

[Maximum Marks : 100

Before answering the question, candidates should ensure that they have been supplied the correct and complete question paper. No complain in this regard, will be entertained after examination.

Note : Attempt any five questions. All questions carry equal marks.

1. Explain the stationary probability measures for Ergodic Markov processes. 20
2. Discuss the combinational interpretation and also explain the calculation of blocking probability. 20
3. Explain in detail ISDN and also discuss various ISDN services. 20
4. Write short note on message handling systems and intelligent networks. 20

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5. Explain in detail the principles of traffic switching and signaling. 20
6. Explain in detail the various switching fabrics SDS, TDS, STS, TST and TTT. 20
7. Write short note on : 20
- (i) Long haul communication circuits,
 - (ii) Statistical bandwidth sharing.
8. Discuss the switching system hierarchy and also explain the SPC switching. 20
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