



ELECTIVE - II
Telecommunication Network Management
(New) (1314)

P. Pages : 2

Time : Three Hours

Max. Marks : 100

Instructions to Candidates :

1. Do not write anything on question paper except Seat No.
2. Answer sheet should be written with blue ink only. Graph or diagram should be drawn with the same pen being used for writing paper or black HB pencil.
3. Students should note, no supplement will be provided.
4. Solve **any two** sub questions from each unit.
5. Figures to the right indicates full marks.

UNIT - I

- | | | |
|----|---|----|
| 1. | a) Explain in brief Network Management standards. | 10 |
| | b) Draw and explain in detail organization model. | 10 |
| | c) Explain functional architecture of TMN. | 10 |

UNIT - II

- | | | |
|----|---|----|
| 2. | a) Write a short note on network provisioning & inventory management. | 10 |
| | b) List event correlation techniques. Explain anyone in detail. | 10 |
| | c) Write short note on accounting management & report management. | 10 |

UNIT - III

- | | | |
|----|---|----|
| 3. | a) Explain CMISE model in detail. | 10 |
| | b) Explain object oriented paradigm. | 10 |
| | c) Write a short note on errors & scooping. | 10 |

UNIT - IV

- | | | |
|-------|---|----|
| 4. a) | Explain system overview of SNMPv1. | 10 |
| b) | Explain any one SNMPv3 application in detail. | 10 |
| c) | Explain compatibility of SNMPv2 with SNMPv1. | 10 |

UNIT - V

- | | | |
|-------|--|----|
| 5. a) | With neat diagram explain M1 interface. | 10 |
| b) | Explain with neat diagram ADSL technology. | 10 |
| c) | Write a short note on : | 10 |
| i) | ADSL channeling schemes. | |
| ii) | ADSL encoding schemes. | |
