

Total No. of Questions : 8]

SEAT No. :

P4130

[4860] - 334

[Total No. of Pages : 2

M.E. (Computer Engineering)

MOBILE COMPUTING

(Elective - I) (2008 Pattern) (Semester - I)

Time : 3 Hours]

[Max. Marks : 100

Instructions to the candidates :

- 1) Answer any three questions from section - I and any three questions from section - II.*
- 2) Use separate answer sheets for both sections.*
- 3) Assume suitable data wherever necessary.*

SECTION - I

Q1) Explain the data stored on SIM. **[18]**

- a) Administrative data
- b) Security Related data
- c) Subscriber data
- d) Roaming data,
- e) PLMN data

Q2) Explain in brief the Air - Interface of GSM. **[16]**

Q3) Explain in brief SCCP message format with SCCP messages. **[16]**

Q4) Explain in brief: **[16]**

- a) FDMA
- b) TDMA

P.T.O.

SECTION - II

Q5) Explain with schematic of GSM. [16]

Q6) Explain the Base Station Subsystem with working of BTS, BSC & TRAU.[18]

Q7) Explain in brief MAP services. [16]

Q8) Write a short note on any two of the following : [16]

- a) TDMA
- b) CDMA
- c) HLR
- d) SIM

