



Reg. No. :

Name :

**Eighth Semester B.Tech. Degree Examination, April/May 2012
(2008 Scheme)**

08.801 : MOBILE COMPUTING (F)

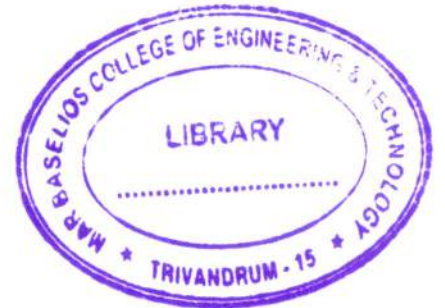
Time : 3 Hours

Max. Marks : 100

PART – A

Answer **all** questions.

1. What is the primary cause of signal loss in satellite communications ?
2. What is the difference between fast and slow fading ?
3. What are the advantages of using CDMA for a cellular network ?
4. List any four disadvantages of WLAN.
5. What is hand off ?
6. What is tunneling ?
7. Explain the importance of equalizer in telephony.
8. What is snooping TCP ?
9. Explain the different states of a client in coda file system.
10. What is i-mode ?



(10×4=40 Marks)

P.T.O.



PART – B

Answer **any one** question from **each** Module.

MODULE – I

11. With the help of a diagram, explain the GSM network architecture. 20

OR

12. What is spread spectrum ? Explain direct sequence spread spectrum in detail. 20

MODULE – II

13. a) What is digital audio broadcasting ? Explain the components of a DAB sender. 10

b) Explain the architecture of an infrastructure based IEEE 802.11. 10

OR

14. a) Explain in detail about the power management in IEEE 802.11 adhoc networks. 10

b) Explain FAMA and DAMA in detail. 10

MODULE – III

15. a) How does a mobile node discover a foreign agent when it moves from one location to another ? 15

b) What are the advantages of mobile TCP ? 5

OR

16. Explain in detail about WAP architecture. 20