

SUBJECT CODE NO:- P-321
FACULTY OF ENGINEERING AND TECHNOLOGY
B.E. (CSE/IT) Examination MAY/JUNE-2016
Mobile Computing (CSE/IT)
(Revised)

[Time: Three Hours]

[Max Marks:80]

“Please check whether you have got the right question paper.”

N.B

- i) Q.No.1 and Q.No.6 are compulsory.
 ii) Attempt any two questions from the remaining questions of each section.
 iii) Assume suitable data wherever necessary.

Section A

- Q.1 Solve any two. 10
 a) What is cellular system architecture?
 b) Symbian operating system.
 c) Explain FDMA.
- Q.2 a) What is mobility management? Explain in detail. 08
 b) Write short note on windows operating system and black berry OS. 07
- Q.3 a) Explain principles of cellular communication. 07
 b) Explain in detail architecture of GSM network. 08
- Q.4 a) Explain TDMA in detail. 07
 b) What is the motivation for specialized MAC? 08
- Q.5 a) Explain GSM on net with diagram. 07
 b) What is intersystem handoff? Explain in detail. 08

Section B

- Q.6 Solve any two. 10
 a) Explain WAP gateway.
 b) Explain WLL.
 c) Explain WML script control statement.
- Q.7 a) Explain in detail CDPD architecture. 07
 b) Explain the functional groups of GPRS. 08
- Q.8 a) Explain in detail phone .com elements. 07
 b) Define event. Explain events in WML script with suitable example. 08
- Q.9 a) Explain development of WAP application using Emulator. 07
 b) Explain VOIP in detail with diagram. 08
- Q.10 a) What is WAP client software? 07
 b) Explain tunneling in mobile IP. 08