

SUBJECT CODE NO:- P-8226
FACULTY OF ENGINEERING AND TECHNOLOGY
M.E. (Comp.Sci.& Engg.) Examination May/June 2017
Elective-II: Wireless Comm. & Mobile Computing
(Revised)

[Time : Three Hours]

[Max Marks :80]

Please check whether you have got the right question paper.

- N.B a)Q.No.5 and Q.No.10 are compulsory.
b)Solve any three questions from Section A and B each.
- Section A
- Q.1 a)Discuss the various applications of wireless communication system. 08
b)Explain CDMA technique in detail. 07
- Q.2 a)Give the introduction to Medium Access Control. 08
b)Draw and explain the WAP-Model. 07
- Q.3 a)Explain any one wireless Routing protocol. 08
b)Explain Mobility management and Hand off Management. 07
- Q.4 a)Discuss the feature of GSM. 08
b)Explain the architecture of GPRS. 07
- Q.5 Write short note on (Any two) 10
a)ALOHA –
b)SDMA-
c)EDGE
- Section B
- Q.6 a)Explain data replication for mobile computers. 08
b)Discuss the file systems used in mobile computing. 07
- Q.7 a)Explain the EPOC operating system in wireless devices. 08
b)Explain the role of Linux in mobile devices. 07
- Q.8 a)Discuss the various issues related to mobile network. 08
b)Explain mobile network security model. 07
- Q.9 a)What is energy awareness computing? Explain. 08
b)Explain mobile IP. 07
- Q.10 Write short note on (Any two) 10
a)VOIP applications
b)Symbian OS
c)Power management in mobile network.