

SUBJECT CODE NO:- P-254
FACULTY OF ENGINEERING AND TECHNOLOGY
B.E. (CSE/IT) Examination May/June 2017
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 in each section.
 - iii. Assume suitable data if necessary.

Section A

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|-----|---|----|
| Q.1 | Solve (any two) | 10 |
| | i. Explain iphone operating system. | |
| | ii. List characteristics of smart phone. | |
| | iii. Explain wireless networks in comparison to fixed networks. | |
| Q.2 | a) What is mobility management? Explain in detail. | 08 |
| | b) Compare Symbian OS with android OS. | 07 |
| Q.3 | a) Explain channel assignment schemes in detail. | 08 |
| | b) Compare 2G with 3G. | 07 |
| Q.4 | a) What is location dependent carrier sensing? Explain with hidden, Exposed and capture node. | 08 |
| | b) What is difference between TDM and FDM? | 07 |
| Q.5 | a) What are different multiplexing scheme? | 08 |
| | b) What are the advantages and disadvantages of cellular system? | 07 |

Section B

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|------|---|----|
| Q.6 | Solve any two | 10 |
| | i. Explain events is WML script | |
| | ii. Explain WLL | |
| | iii. Explain care of adders (COA) | |
| Q.7 | a) Explain in detail CDPD architecture. | 07 |
| | b) Explain in detail GPRS architecture and services. | 08 |
| Q.8 | a) What advantages does the use of IPV6 offer for mobility. | 08 |
| | b) Explain agent advertisement and discovery process in mobile network layer. | 07 |
| Q.9 | a) Explain phone. com extensions. | 08 |
| | b) List and explain functions of string library WML script. | 07 |
| Q.10 | a) Explain writing and formatting text in WML. | 07 |
| | b) Explain the control structure of WML script. | 08 |