B- Tech. sem- VIII, (2014 course), Computer. winter-2018

B. Tech. Sem - VIII (Computer Engg.) (2014 COURSE) (CBCS) : WINTER - 2018

SUBJECT : ELECTIVE – IV : MOBILE COMPUTING

Day : Thursday
Date : 15/11/2018

W-2018-2622

Time : 02.30 PM TO 05.30 PM
Max. Marks : 60

N. B. :

1) All questions are **COMPULSORY**.
2) Figures to the right indicate **FULL** marks.
3) Draw neat and labeled diagram **WHEREVER** necessary.
4) Assume suitable data, if necessary.

Q. 1 What is Mobile Computing? Explain MAC protocol in detail. **(10)**

OR

Q. 1 Compare Mobile Computing with LAN. **(10)**

Q. 2 Consider a scenario where client is retrieving information from server through mobile phone. Explain its working in detail. **(10)**

OR

Q. 2 Consider a scenario where a person is sending some SMS to other person through mobile phone. Explain its working. **(10)**

Q. 3 Explain UMTS architecture in detail. **(10)**

OR

Q. 3 Explain GPRS architecture in detail. **(10)**

Q. 4 Explain MANET in detail. **(10)**

OR

Q. 4 What is VANET? Explain its working in detail. **(10)**

Q. 5 Compare IOS and Android OS. **(10)**

OR

Q. 5 Explain Windows OS working. Consider appropriate task to explain. **(10)**

Q. 6 What is M-Commerce? Consider appropriate example to explain. **(10)**

OR

Q. 6 Explain Mobile Banking in detail. Consider appropriate example to explain. **(10)**

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