

B. Tech. Sem - VIII (Computer Engg.) (2014 COURSE) (CBCS) :
SUMMER - 2019
SUBJECT : ELECTIVE – IV : MOBILE COMPUTING

Day : Tuesday
Date : 28/05/2019

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

S-2019-2887

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 wireless networking in detail. **(10)**

OR

Q. 1 Write down characteristics of Mobile Computing **(10)**

Q. 2 Explain TCP/IP in mobile network. **(10)**

OR

Q. 2 Consider a scenario where a person with his mobile phone has entered into foreign network. Explain its working in detail. **(10)**

Q. 3 Consider a scenario where a person is accessing some website through his mobile phone. Explain its working in details. **(10)**

OR

Q. 3 Consider a scenario where a person is speaking with other person through video calling on mobile phone. Explain its working in detail. **(10)**

Q. 4 Explain Ad-hoc network in detail. **(10)**

OR

Q. 4 Compare MANET and VANET. **(10)**

Q. 5 Explain android OS architecture in detail. **(10)**

OR

Q. 5 Consider a scenario where android mobile's charging is ON and its information is displayed on display. Explain its working through android architecture. **(10)**

Q. 6 Consider a scenario where a person is purchasing some electronic good through mobile application. Explain its working in detail. **(10)**

OR

Q. 6 Consider a scenario where a person is purchasing vegetable through mobile application. Explain its working in detail? **(10)**

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