

**B. TECH. (CBCS - 2014 COURSE) SEM - VIII (COMPUTER
ENGG.) : SUMMER - 2018**

SUBJECT : ELECTIVE – IV : MOBILE COMPUTING

Day : **Thursday**
Date : **07/06/2018**

S-2018-4667

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.
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- Q. 1 What is Mobile Computing? Explain wireless MAC issues. (10)
- OR**
- Q. 1 How mobile network works? Explain in detail. (10)
- Q. 2 Compare Mobile IP and LAN IP in detail. (10)
- OR**
- Q. 2 What is COA? Explain its role in Mobile computing. (10)
- Q. 3 Consider a scenario where person is accessing some website through mobile phone. Explain its working in detail. (10)
- OR**
- Q. 3 What is 4G? Explain its architecture in detail. (10)
- Q. 4 What is VANET? Write down its security issues. (10)
- OR**
- Q. 4 Explain routing protocol in MANET. (10)
- Q. 5 What is mobile operating system? Explain IOS architecture in detail. (10)
- OR**
- Q. 5 How to develop an application via android studio? Consider appropriate example. (10)
- Q. 6 How mobile banking works? Explain it through real time example. (10)
- OR**
- Q. 6 Write down application issues in M-Commerce. (10)

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