

B. Tech. Sem - VIII (Inf. Tech.) (2014 COURSE) (CBCS) :
SUMMER - 2019
SUBJECT: MOBILE COMPUTING

Day: Tuesday
Date: 28/05/2019

Time: 02.30 PM TO 05.30 PM
Max Marks : 60

S-2019-2910

N.B. :

- 1) All questions are **COMPULSORY**.
 - 2) Figures to the right indicate **FULL** marks.
 - 3) Assume suitable data, if necessary.
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Q.1 Elaborate the protocols used in the wireless mode of communication. **(10)**

OR

Q.1 What is the difference between FDMA and TDMA? **(10)**

Q.2 Explain the process of allotment of IP for wireless device (Mobile) using static and dynamic mode. **(10)**

OR

Q.2 How does the wireless connectivity secured in case of a ZigBee mode of communication? **(10)**

Q.3 Explain the involvement of BS, MSC during a process of SMS communication. **(10)**

OR

Q.3 Explain the structure and functioning of GPRS in detail. **(10)**

Q.4 Explain the functioning of broadcast models used for mobile communication. **(10)**

OR

Q.4 Explain the asymmetric communication in detail. **(10)**

Q.5 Compare structure of iOS with android (based on computing functionality). **(10)**

OR

Q.5 What is the role of an Operating System used in a Mobile? **(10)**

Q.6 Write down the code snippet (for core part only) for login and registration app for android platform. **(10)**

OR

Q.6 Depict the harm of allowing app to access data from mobile. **(10)**

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