SEAT No. : ☐

P-5198

[6188]-151

B.E. (Computer Engineering) (Insem)
MOBILE COMPUTING
(2019 Pattern) (Semester - VII) (410245C) (Elective - IV)

Time : 1 Hour] *[Max. Marks : 30*

Instructions to the candidates:

1) *Answer Q1 or Q2, Q3 or Q4.*
2) *Figure to the right side indicate full marks.*
3) *Assume suitable data, if necessary.*

Q1) a) Explain in detail Public switched telephone network (PSTN). **[5]**

b) Explain 3rd generation of wireless communication and state its features. **[5]**

c) State and explain various applications of mobile computing. **[5]**

OR

Q2) a) Write note on Bluetooth. **[5]**

b) Give Constraints in mobile computing. **[5]**

c) Explain in detail Public Communication Service (PCS). **[5]**

Q3) a) What is cell? Give architecture of 3 cell and 7 cell structure. **[4]**

b) Draw and explain WAP Architecture. **[6]**

c) State the frequencies used in cellular telephony and explain frequency reuse. **[5]**

OR

Q4) a) Compare TDMA and CDMA. **[4]**

b) What is handoff? Give types of handoffs. **[6]**

c) State and explain design issues in adhoc network. **[5]**

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