

SE - 204

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**T.E. (Computer Science and Engg.) (Semester - V) Examination,
(Revised) November- 2018**

NETWORK TECHNOLOGIES

Sub. Code : 66297

Day and Date : Friday, 30 - 11 - 2018

Total Marks : 50

Time : 09.30 a.m. to 11.30 a.m.

- Instructions :**
- 1) Q.1 is compulsory.**
 - 2) Attempt any three questions from Q.2 to Q.5.**
 - 3) Figures to the right indicate full marks.**
 - 4) Assume suitable data wherever necessary.**

- Q1) a) What is location updating in GSM? Explain the steps involved in it. [6]**
b) Explain different types of WLAN security problems. **[4]**
c) Explain the classification of MAC protocol for Ad hoc wireless network. **[4]**
- Q2) a) What is handoff? Explain Intra - BSC handover in GSM. [6]**
b) Explain different access codes used by Bluetooth enabled devices. **[6]**
- Q3) a) What is WEP? Explain WEP encryption and decryption process. [6]**
b) Write a note on IEEE 802.15.3 standard. **[6]**
- Q4) a) Explain Mobile IP. [6]**
b) Explain physical layer issues of wireless sensor networks. **[6]**
- Q5) a) Write a note on tunneling protocols used in VPN. [6]**
b) Explain MAC layer issues of wireless sensor networks. **[6]**

