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**SIDDHARTH INSTITUTE OF ENGINEERING & TECHNOLOGY:: PUTTUR**  
(AUTONOMOUS)

**M.Tech II Year I Semester Regular Examinations January 2021**

**RADIO FREQUENCY IDENTIFICATION**

(Embedded Systems)

Time: 3 hours

Max. Marks: 60

(Answer all Five Units 5 x 12 = 60 Marks)

**UNIT-I**

- 1 a Illustrate on antennas and radio of RFID. 6M  
b Discuss in detail about RFID Tag. 6M

**OR**

- 2 a List out the elements of RIFD system and explain each briefly. 6M  
b Explain in detail about any two applications of RFID. 6M

**UNIT-II**

- 3 a Develop the creation of the EPC global. 6M  
b How the EPC face the challenges in detail. 6M

**OR**

- 4 a Demonstrate on privacy of RFID system. 6M  
b What is meant by distributed intelligent systems center and explain it? 6M

**UNIT-III**

- 5 a List out the different kinds of RFID systems and briefly explain about it. 6M  
b Illustrate on history of current privacy paradigm. 6M

**OR**

- 6 a Explain in detail how to integrate client using RFID technology. 6M  
b Explain about the introduction to RFID and global privacy policy. 6M

**UNIT-IV**

- 7 a List out RFID's privacy threats and explain each briefly. 6M  
b Explain about labor impact in RFID. 6M

**OR**

- 8 a What is the current state of RFID policy and briefly explain it. 6M  
b Demonstrate on integrity and security of the RFID system. 6M

**UNIT-V**

- 9 a Analyze on Transforming the battle field with RFID.. 6M  
b Explain in detail about Project jump start. 6M

**OR**

- 10 a Discuss in detail about CVS and Auto-ID. 6M  
b How to identify and track an object using RFID technology. 6M

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