Code No: H5502/R13

M. Tech. II Semester Regular/ Supplementary Examinations, July-2016
EMBEDDED NETWORKING

(Embedded Systems)

Time: 3 Hours   **Max. Marks: 60**

Answer any FIVE Questions
All Questions Carry Equal Marks

---

1   a   What is meant by communication protocol? How they are classified discuss in detail?

    b   Explain about fire wire communication?

2   a   Explain about CAN Bus Protocol With Example?
    b   Write about speed identification on USB?

3   What is meant by Ethernet? Explain connections and network speed in building a network of Ethernet?

4   Explain about
.   a) UDP
            b) TCP
            c)   FTP

5   a   How wireless sensor networks differ with its predecessors?
    b   Explain in detail about energy efficient MAC Protocol

6   a   Where parallel port programming is preferred, why?
    b   Explain about inter integrated circuits (I2C)

7   a   What is internet protocol? How an IP address is assigned?
    b   What are the advantages of providing Email service in Embedded Systems?

8   a   Write about network topology & time synchronization?
    b   Why should we secure devices & network and how it is achieved?

*****