Register Number: ……..

M.E DEGREE EXAMINATIONS: JUNE 2013

Second Semester

EMBEDDED SYSTEM

EST555: Embedded Networking

Time: Three Hours **Maximum Marks: 100**

Answer all the Questions:-

PART A (10 x 2 = 20 Marks)

1. What is embedded networking?
2. Define latency.
3. State differences between CAN and CAN open.
4. List out the different types of code requirement.
5. What are the memory requirements for a CAN open communication Protocol stack?
6. How can the data bandwidth of a CAN/CAN open network be increased?
7. What is peliCAN?
8. Write down the signal states of Recessive and dominant of CAN.
9. Write short notes on CANoe and ProCAN
10. Define object directory.

PART B (5 x 16 = 80 Marks)

11. a) Briefly explain Communication requirement.

(OR)

b) Explain electronic data sheets and configuration files

12. a) Briefly explain overall network configuration.

(OR)

b) Write short notes on system requirements choosing devices and tools.

13. a) Explain in detail about underlying technology CAN overview.

(OR)

b) Describe briefly about CAN development tools.

14. a) Explain the architecture of CAN open Source code.

(OR)

b) Explain in detail about using CAN open Hardware modules with neat diagram

15. a) Explain in detail about communication object identifiers.

(OR)

b) Describe briefly about CAN open implementation issues example.

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