



MS 4E 24 (NS)

IV Semester M.Sc. (I.T.) Examination, June/July 2010
EMBEDDED SYSTEMS

Time : 3 Hours

Max. Marks : 75

Instruction : Answer **all** questions from Part – A, and answer **any five** questions from Part – B.

PART – A

Briefly explain the following :

(12×2+1×1=25)

1. List the types of embedded system.
2. What is Timeliness ?
3. List application of Real time systems.
4. What is soft system ?
5. List the application of Micro controller.
6. What is embedded program ?
7. What is Logic analyzer ?
8. What is scheduler ?
9. What is watchdog timer ?
10. List the application of RTOs.
11. What is a widening gap ?
12. What is interrupt Driven system ?
13. What is Vxmorks Simulator ?

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PART – B

Answer **any five** :

(5×10=50)

1. Describe in detail function of Embedded .
 2. Discuss the embedded system design system.
 3. Explain different implements types of embedded system.
 4. Discuss the fundamental choice in Microprocessor design.
 5. How microcontroller programming different from conventional programming ?
Explain.
 6. Explain in detail foreground/background system.
 7. Explain the performance characteristics of an RTOs.
 8. Discuss analytical verses computation modeling.
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