

## END OF SEMESTER EXAMINATIONS, APRIL / MAY -2018

## ELECTIVE – II: EMBEDDED SYSTEM

SUBJECT CODE: 12P3CS08

MAJOR: M.Sc.,(Computer Science)  
TIME : 3 HOURS5 SEMESTER : II  
MAX.MARKS: 70SECTION – A (5 X 3 = 15 )Answer ALL Questions:

1. Define Display Units.
2. Describe IrDA.
3. Draw the diagram for null modem cable connection.
4. What is ZigBee?
5. Define cross compiler?

SECTION – B (5 X 11 = 55 )Answer ALL Questions:

6. a) Give an overview of control systems and Industrial automation.  
(OR)  
b) Describe in detail about memory organization.
7. a) Explain about the DSP Architecture.  
(OR)  
b) Briefly explain Kernal Architecture.
8. a) Discuss in detail about serial communication.  
(OR)  
b) Explain serial communication with the 8051 Family of Macro-controller.
9. a) Briefly explain I/O types with examples.  
(OR)  
b) Discuss in detail about Internet Enabled System.
10. a) Explain about performance and performance Accelerators.  
(OR)  
b) Briefly explain Laboratory Tools.

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