

23. a) (i) Describe the operation bus I²C with a necessary diagram. (7)
(ii) Explain the operation of CAN bus with necessary diagram. (7)

(OR)

- b) (i) Write notes on ISA bus. (7)
(ii) Write notes on PCI & PCI/X bus. (7)

24. a) (i) Discuss thread status & pending threads. (7)
(ii) Explain Context Switching. (7)

(OR)

- b) What is Scheduling? Explain Round Robin & Priority based scheduling.

25. a) Explain the concepts of RTOS and elaborate the functions manage by RTOS.

(OR)

- b) Discuss the steps involved in development of Embedded system & List the software tool used for development process.
