

Subject :- Embedded System

Q1(a) Discuss the advantages & disadvantages of Harvard and Von Neuman Architecture:

Q1(b) Distinguish b/w direct addressing & stack addressing mode.

Q1(c) Distinguish b/w process, tasks & threads.

Q1(d) What is the need and disadvantages on having provision for both external & internal program memory?

Q1(e) The following points diff b/w normal PC & embedded system (1) Processor speed (2) Memory

(3) All of these

Q2 (a) WAP to generate a time delay of 100ms.

(b) Inter process communication define it.

Q3 (a) Calculate the shortest & largest delay possible using the program named, timer by changing the initial value of To?

(b) Explain Acall & Lcall.

Q4 (a) WAP to add 197795H to 344510H & result is stored ifrom starting add 0050H.

Q4 (b) Explain following inst

① XCHD, ② JBE  
③ CINE,

Submission on

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