

**Bachelor in Information Technology (BIT)****Term-End Practical Examination****December, 2007****CSI-23P : TECHNIQUES OF ARTIFICIAL INTELLIGENCE***Time : 1 Hour**Maximum Marks : 30**(Weightage : 15%)*

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**Note :** *There are two questions of 10 marks each in this paper. Both are compulsory.  
10 marks are for viva-voce.*

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1. Write a LISP function that takes a list as parameter for input and rotates the elements of list by one position as (rotate '(a b c d)) returns (D A B C). 10
  
2. Write a LISP function that takes the argument m, n and find  $n^{\text{th}}$  power of m as (func(m, n) gives  $m^n$ ). 10

