

BACHELOR IN INFORMATION TECHNOLOGY (BIT)

Term-End Practical Examination

00030

December, 2011

CSI-23P : TECHNIQUES OF ARTIFICIAL INTELLIGENCE

Time allowed : 1 hour

*Maximum Marks : 30
(Weightage : 15%)*

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

1. Write an iterative function SUM in LISP that take an integer n as an argument and find the sum of cube of integers from 1 to n. **10**
e.g. SUM n should return :
 $1^3 + 2^3 + \dots + n^3$.

 2. Define a function named LENGTH which take a list as argument and return the length of the list. **10**
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