

UNIT - V

- 5 (a) Give notations for following LISP objects :
- (i) Numbers
 - (ii) Symbol
 - (iii) List
- 2x3=6
- (b) Explain these built-in functions of LISP :
- (i) CAR
 - (ii) CDR
 - (iii) CONS
- 2x3=6
- (c) How are functions defined in LISP ? Define a function SUMSQ which adds the squares of two numbers X and Y.
- 2+2=4

OR

- 5 Explain briefly :
- (i) Lambda Calculus
 - (ii) Scheme dialect of LISP
 - (iii) Comparison of functional and imperative languages
 - (iv) Applications of functional languages.
- 4x4=16

