

2024

COMPUTER SCIENCE — HONOURS — PRACTICAL

Paper : DSE-B-3P

(Introduction to Computational Intelligence)

Full Marks : 30

Set - 3

Marks Distribution

Source Code	:	15
Output	:	05
Viva voce	:	06
Sessional	:	04

Answer *any one* question.

1. Write a Prolog/LISP program to delete first occurrence of an element in a list.
2. Write a Prolog/LISP program to find the second smallest element in a list.
3. Write a Prolog/LISP program to find the sum of even numbers in a list.
4. Write a Prolog/LISP program to remove duplicates from a list.

5. Write a Prolog/LISP program that checks whether a list does not contain exactly four elements.

6. Write a Prolog/LISP program to find the sum of odd numbers of a list.