

2024

COMPUTER SCIENCE — HONOURS — PRACTICAL

Paper : DSE-B-3P

(Introduction to Computational Intelligence)

Full Marks : 30

Set - 2

Marks Distribution

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

Answer *any one* question.

1. Write a Prolog/LISP program to remove the positive elements of a list.
2. Write a Prolog/LISP program to find LCM of two positive integers.
3. Write a Prolog/LISP program to check whether a list is a palindrome or not.
4. Write a Prolog/LISP program to find the sum of even numbers of a list.

(2)

B(6th Sm.)-Computer Sc.-H/Pr./DSE-B-3P/CBCS/Set-2

5. Write a Prolog/LISP program to check whether two lists are of same length.

 6. Write a Prolog/LISP program to check if a given list is empty.
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