

2024

COMPUTER SCIENCE — HONOURS — PRACTICAL

Paper : DSE-B-3P

(Introduction to Computational Intelligence)

Full Marks : 30

Set - 1

Marks Distribution

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

Answer *any one* question.

1. Write a Prolog/LISP program to check whether a given element is the second element of a list.
2. Write a Prolog/LISP program to find GCD of two positive integers.
3. Write a Prolog/LISP program to reverse a list.
4. Write a Prolog/LISP program to find the last element of the list.

(2)

*B(6th Sm.)-Computer Sc.-H/Pr./DSE-B-3P/CBCS/Set-1*

5. Write a Prolog/LISP program to check whether two elements are consecutive elements in a list.

6. Write a Prolog/LISP program to find the maximum between three numbers.

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