**Aim - Verification of 4\*1 Multiplexer**

**Theory -** 74153 is a 4x1 Dual Multiplexer, it has two select line A and B, inputs are 1I0, 1I1, 1I2, 1I3, 2I0, 2I1, 2I2, 2I3 And Output lines are Y1 And Y2.

The Truth Table of Multiplexer is -

|  |  |  |
| --- | --- | --- |
| Select Lines |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |