

Name of the college: Sadguru Gadage Maharaj College, KaradSubject: ElectronicsExpt. No. 8

Name: [REDACTED]

Class: Bcs-I Batch: [REDACTED]

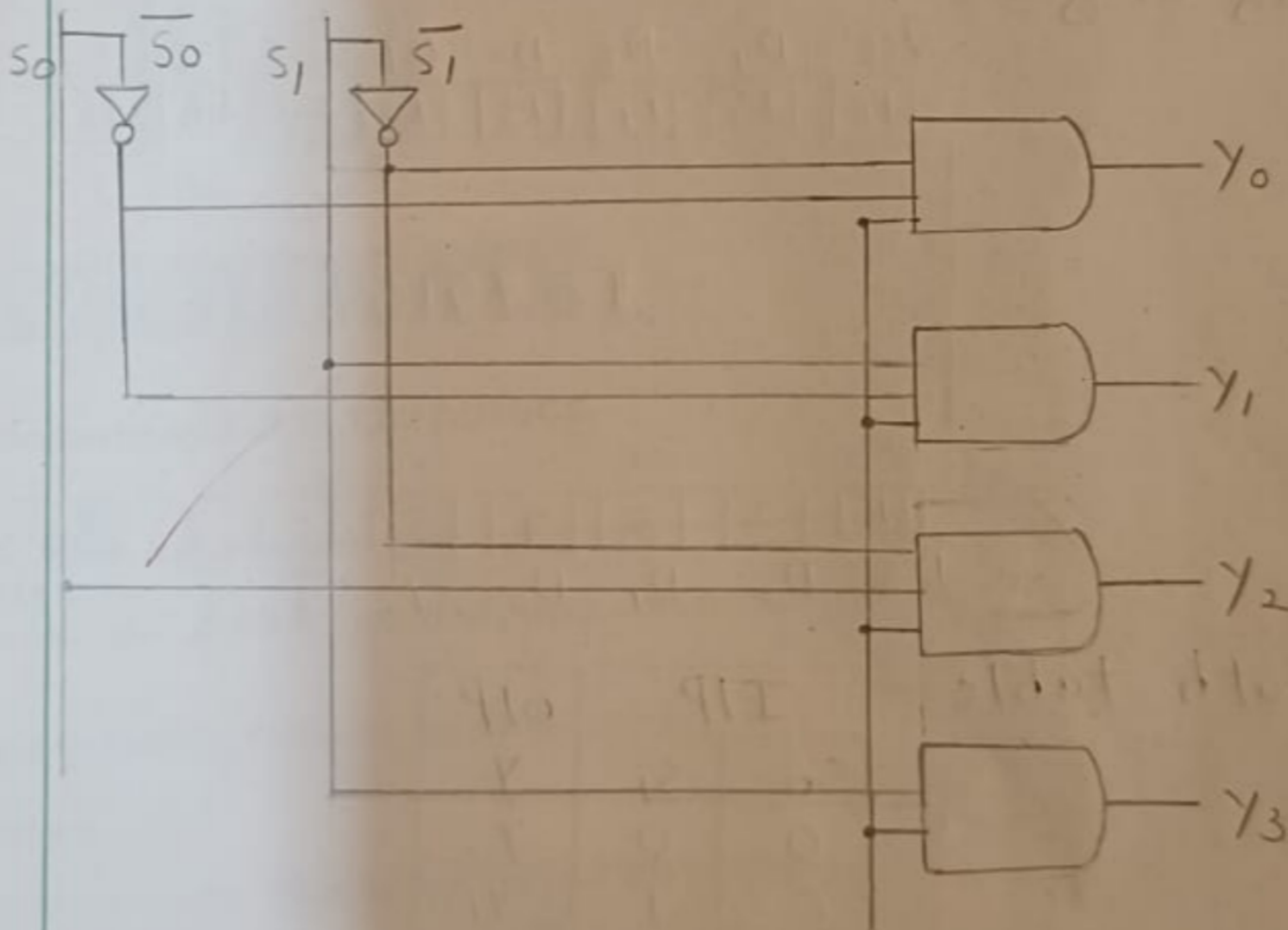
Roll No.: [REDACTED]

Date 25/9/24Title of Expt.: De-Multiplexer

Aim - To study of de-multiplexer and their operations.

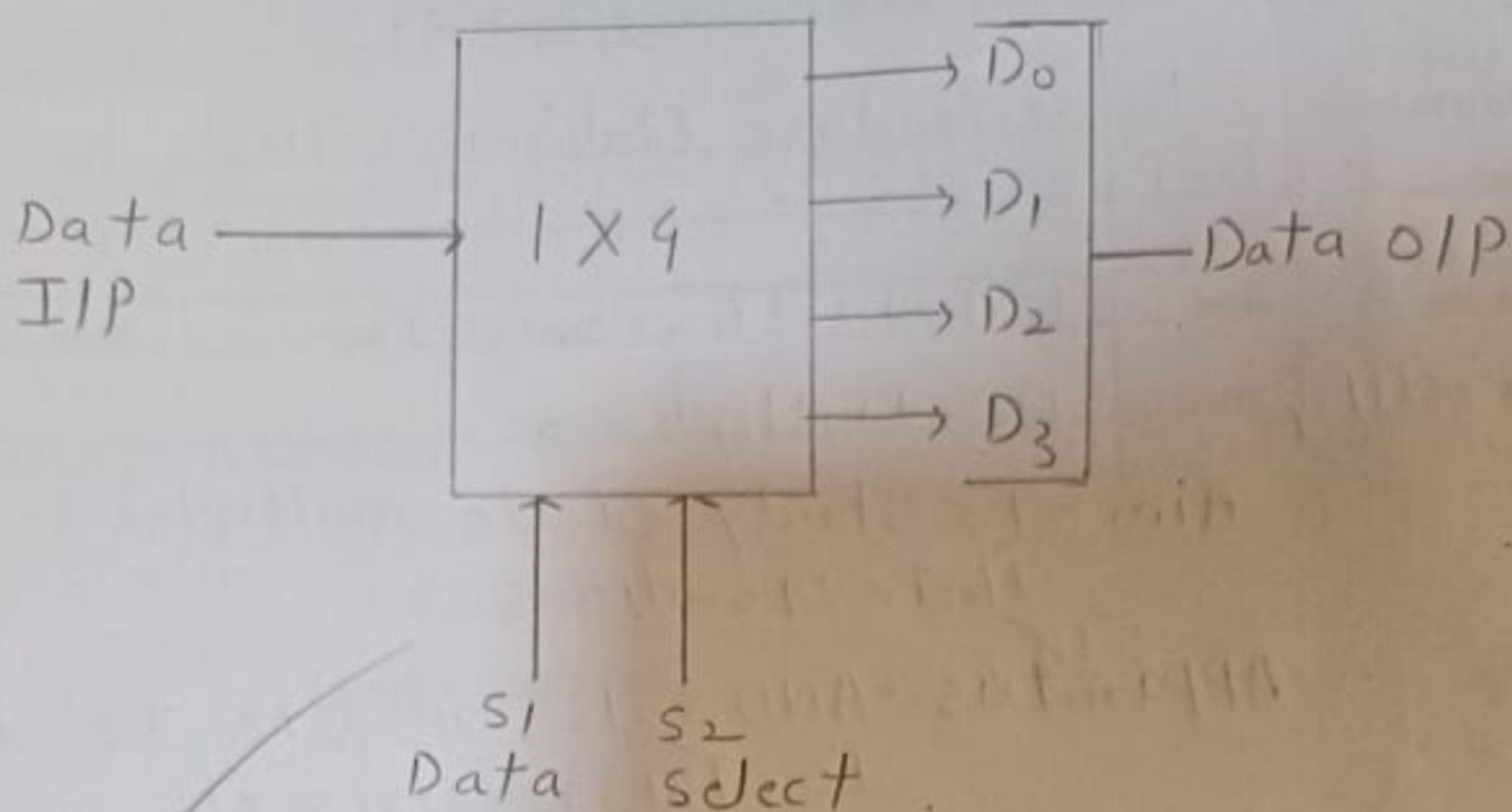
Apparatus - AND gate, OR gate, IC - 74153
IC - 74139, wires etc.

Block diagram of De-multiplexer

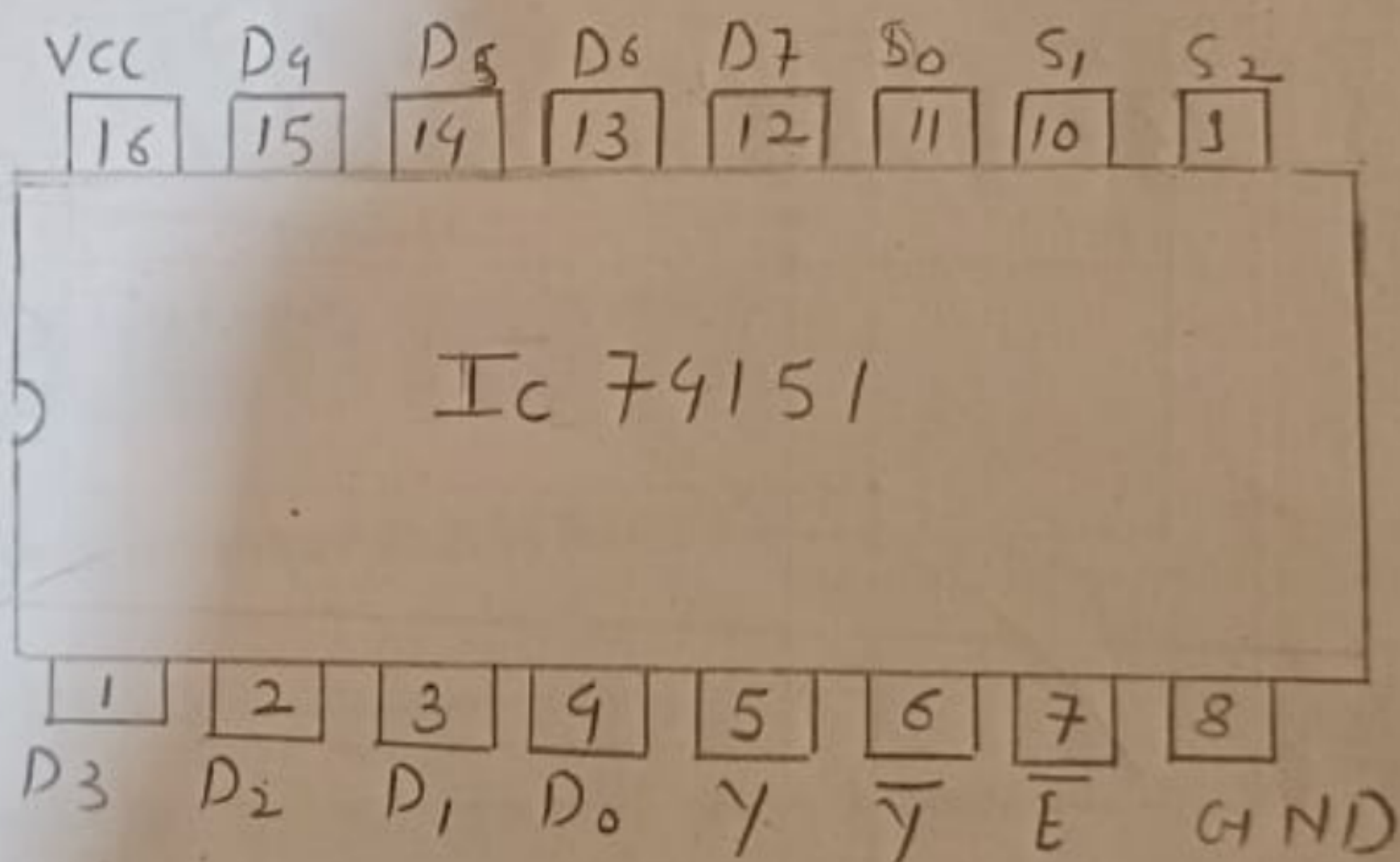


Remarks

Signature



Pig diagram -



Truth table -

I/P		O/P
S ₀	S ₁	Y
0	0	Y ₀
0	1	Y ₁
1	0	Y ₂
1	1	Y ₃

Result - By using Ic 74133 the truth table of demultiplexer is verified.