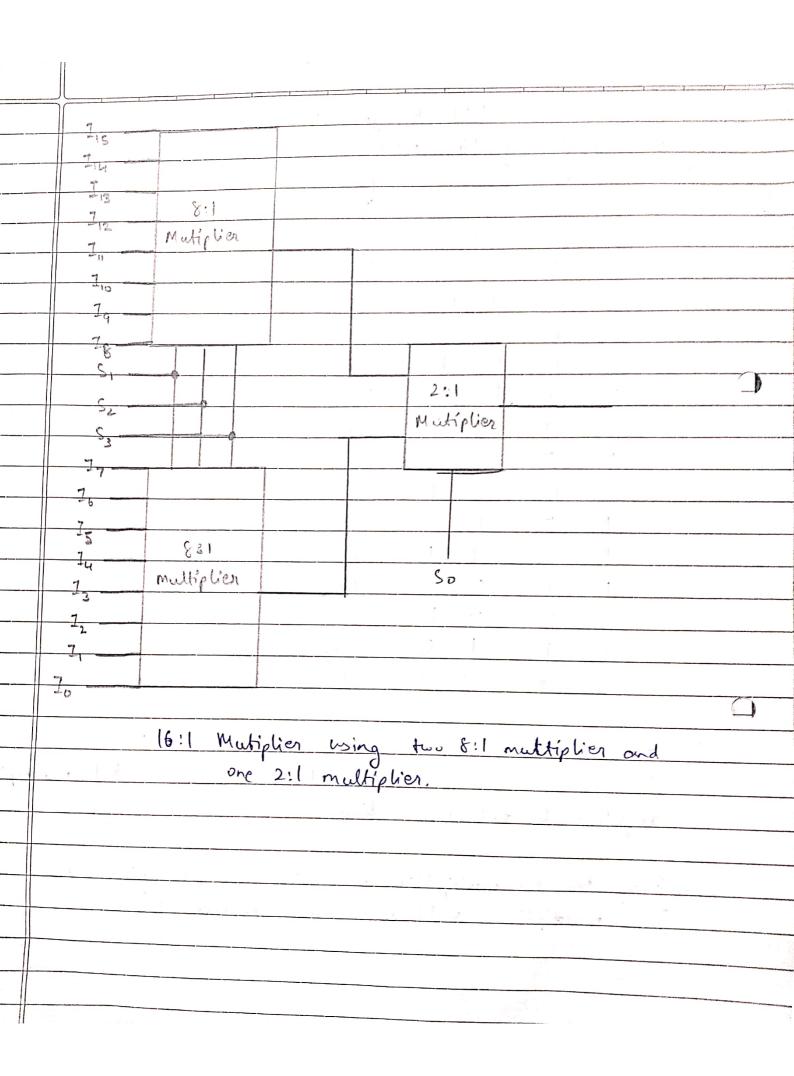
KARTIK PADAVE 70362019039 A022

	PEE Assignment 5	*1,00
1.	Truth table of 16:1 Multiplener:	
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	1 1 0 I <sub>14</sub>	
	1 1 1 1 I <sub>15</sub>	
	Here,	
	So, Si, Sz, S3 are Selection lines since a 16:1 multiplie	1
	requires 4 selection lines.	
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	Using two 8:1 multiplier will use 3 selection lines and	
	2:1 multiplier uill use one selection Line.	
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