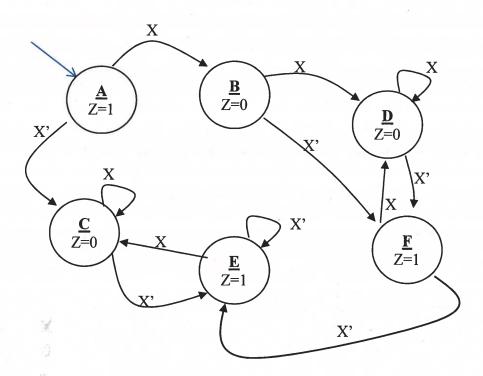
## **Quiz 3 – EECS 270, Spring '22**

Name: K	unique name:
Honor code: I have not given	n or received aid on this quiz, nor have I observed anyone else doing so:
	Sign here:
will have 20 mi	aded out of 100 points and is worth about 3% of your class grade. You inutes for this quiz. <i>Closed everything including calculators!</i> To receive work must be shown.
	nimum <u>product-of-sums</u> of $\sum_{(a,b,c,d)} = (2,4,6,9,10,12,13) + d(11,15)$ using a
	ow your work and clearly circle your answer. [40] s Product-of-sums!!!
100	1 4 18 8
0	O
A	10 4
9	
6	10/15/7157
1	+d)·(a+d)(a+b+c
DTC	· • ) ( • • • · · ·

2. Reduce the number of states in the state transition diagram as much as possible using the partitioning method. Show your work and draw the reduced state diagram. [60 points]



Final result has 3 states: A, BCD, EF.

