- M1.(a) (i) D to inv. output, ✓
 CK to inv. output, ✓
 Resets together ✓
 label astable input ✓
 three labelled outputs ✓
 - (ii) AND gate, ✓
 output to Reset, ✓
 inputs from Y and Z ✓

(b)

Binary counter output		Dice output	
Denary	Binary Z Y X	Dice number	Lamps on
0	0 0 0	1	D
1	001	2	А
2	010	3	D, A
3	011	4	A, C
4	100	5	A, C, D
5	101	6	A, B, C

one per correct answer 🖌 🖌 🖌 🗸

5 [13]

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