

1.

$$TR = 150, \pi = -30, VC = 135, FC = 45, PS = 15$$

2.

(A)

q	TC	VC	FC	AC	AVC	MC	MR
0	10	0	10	x	x	x	x
1	20	10	10	20	10	10	11
2	23	13	10	11.5	6.5	3	11
3	28	18	10	9.33	6	5	11
4	38	28	10	9.5	7	10	11
5	60	50	10	12	10	22	11

(B)  $MR \geq MC$ , 故會產生 4 單位, 利潤 =  $11 \times 4 - 38 = 6$

(C)  $AVC$  最小 = 6, 故短期停業價格 = 6 元。