

1. The output expression for the karnaugh map shown below is:

		PQ			
		00	01	11	10
RS	00	0	1	1	0
	01	1	1	1	1
	11	1	1	1	1
	10	0	0	0	0

Figure 1: image1

- (a)  $Q\bar{R} + S$
- (b)  $Q\bar{R} + \bar{S}$
- (c)  $QR + S$
- (d)  $QR + \bar{S}$