

List of Numerical answers**Question 1**

b)

$$P_{\text{on}} = 2.49 \text{ W}$$

$$P_{\text{turn-on}} = 0.30 \text{ W}$$

$$P_{\text{turn-off}} = 0.46 \text{ W}$$

$$P_{\text{total}} = 3.25 \text{ W}$$

Question 2

$$\text{b) } V_{\text{BRdiamond}} / V_{\text{BRsilicon}} = 12.17$$