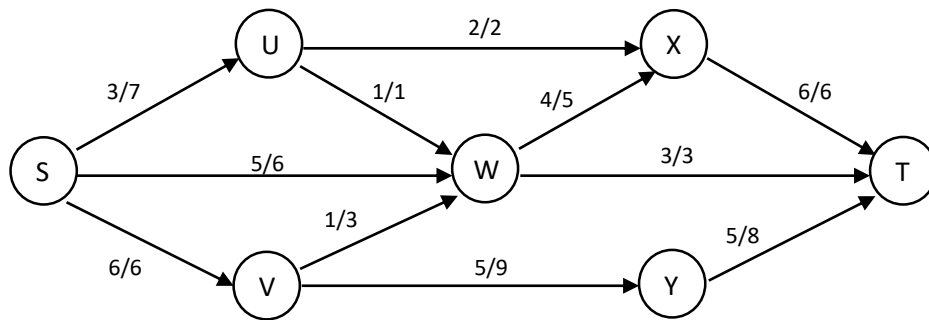
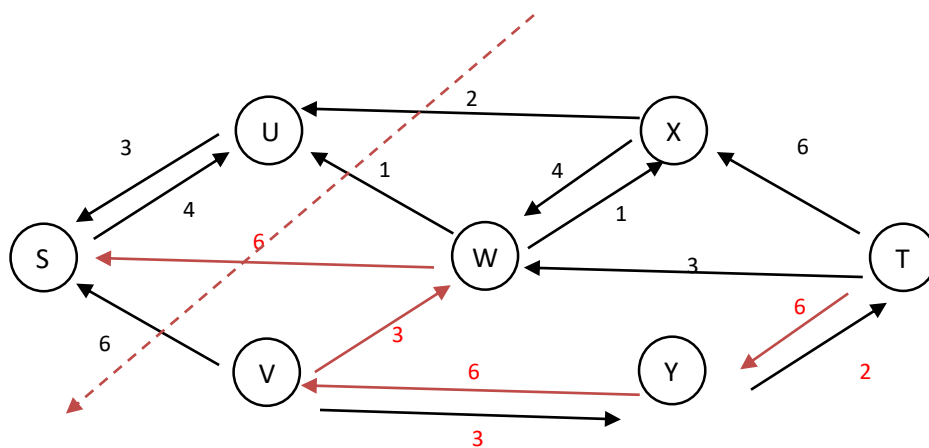
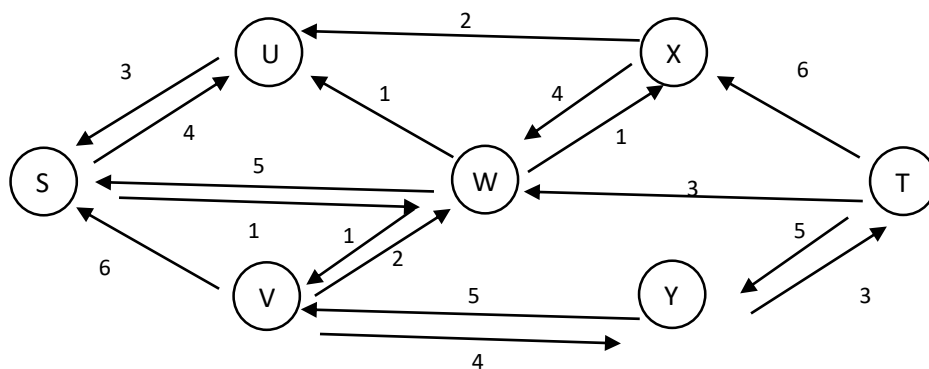


Question [2 marks]

Consider the following flow network G with flow f assigned. The current flow value for this flow network is $|f| = 14$. Construct the residual network, G_f , corresponding to this graph G and flow f , in the space provided. Then, determine the maximum flow value, $|f^*|$.

 G, f : G_f :

Augment path with bottleneck of 1

$|f^*| = \underline{\quad 15 \quad}$