N6.33,

In this network, two VLANS are created:

- $\dfrac{\text{Bridge}}{\text{Ports}}$: $\dfrac{0}{0,3,6,5}$, $\dfrac{1}{0,3}$, $\dfrac{2}{4,4,3}$, $\dfrac{4}{all}$, $\dfrac{7}{all}$, $\dfrac{8}{all}$, ~~and~~ VLAN1

- $\dfrac{0}{1,3,2,4}$, $\dfrac{1}{1,2}$, $\dfrac{2}{0,2}$, $\dfrac{3}{all}$, $\dfrac{6}{all}$, $\dfrac{5}{all}$ VLAN2

STP is turned on. After convergence, indicate:

a) The root bridge

b) For each ~~brig~~ bridge : root, designated & blocked ports
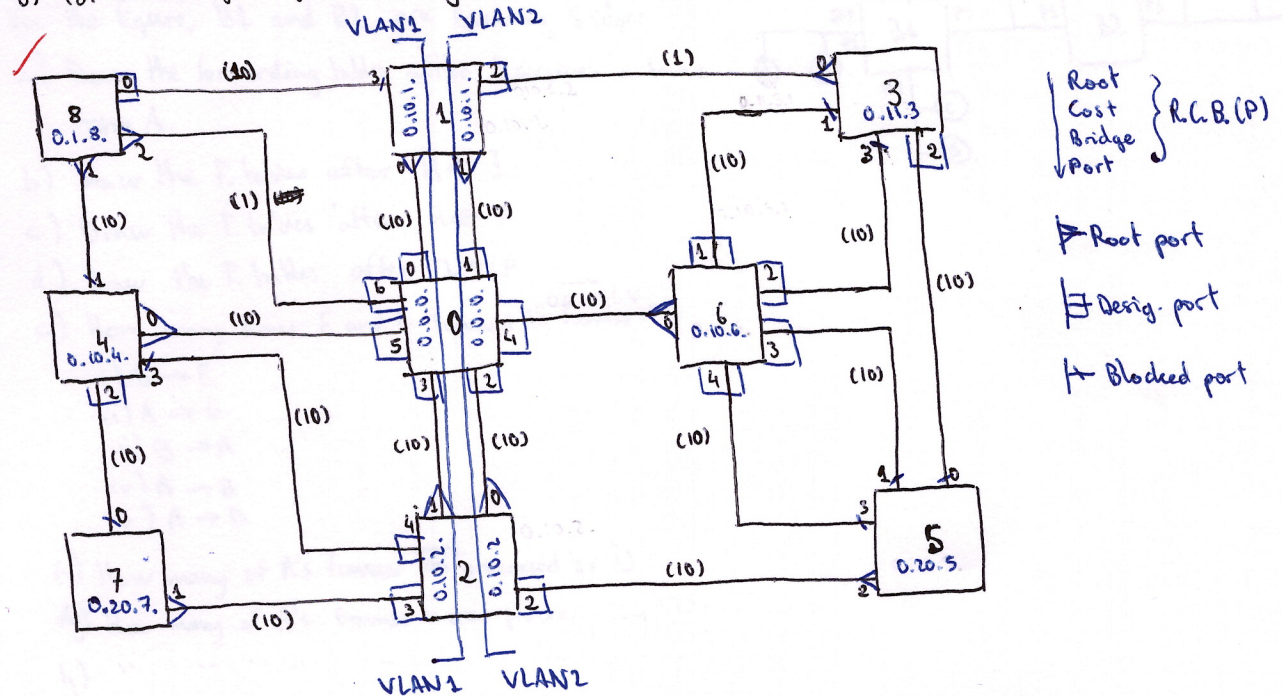
a) Root: 0

b)   Bridge 1   Bridge 2   Bridge 3   Bridge 4
       P   R   ~~RP~~ P R   P   R   P   R

see diagram