EE3009 Tutorial 8 (Solution)

Problem 1

After the first event, there will be one entry in the switch table: (A, 1).
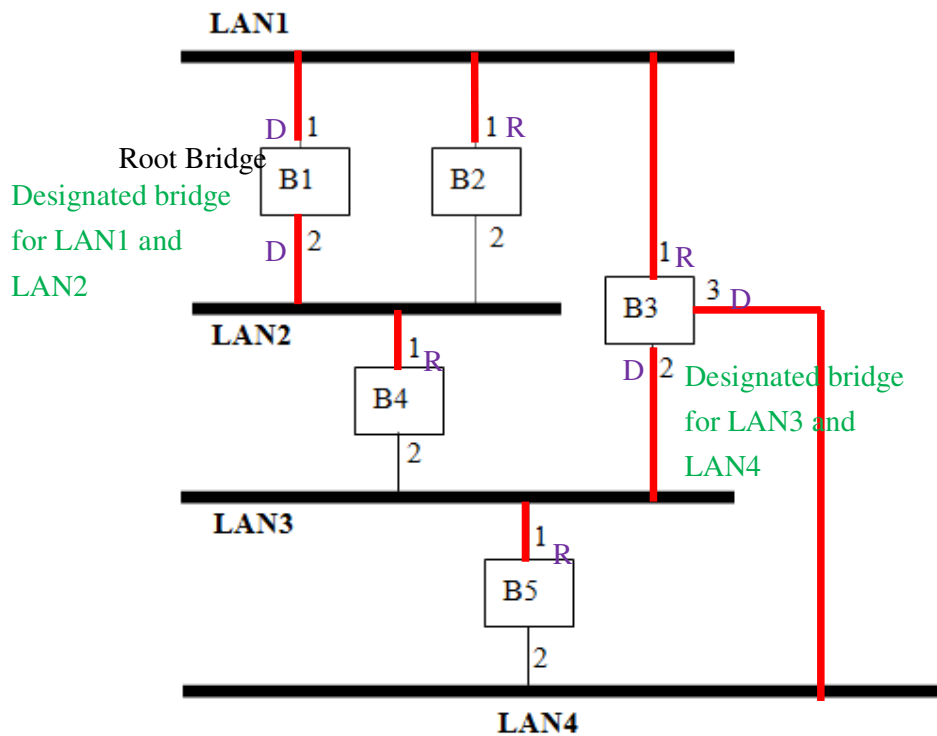The switch will forward the frame through its interfaces 2, 3, and 4.

After the second event, there will be two entries in the switch table: (A, 1) and (D, 4).
The switch will forward the incoming frame through its interface 1.

Problem 2

Designated port is represented by D. Root port is denoted by R.

Problem 3

a) 172.16.11.1

b)

VLAN	MAC address	Type	Ports
1	0030.f29d.b162	Dynamic	Fa0/21