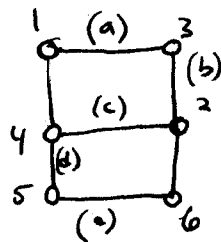
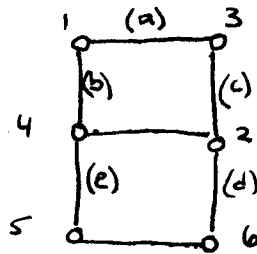


Figure 4.43
[Revised]



Ans to 16 in teachers is correct
Ans to 17 depth 1st goes
back to min of Path,
not to previous node
expanded, in both
teacher's & student's soln.
manual.

Breadth 1st

start @ 1
3 is lowest (a)
start @ 1
4 is lowest (b)
(and only)
start @ lowest = 3
2 is lowest (c)
(and only)
start @ lowest = 2
6 is lowest & not connected
(and only)
start @ lowest = 4
5 is lowest
& not connected

Depth 1st

start @ 1
3 is lowest & unconnected (a)
start @ 3
2 is lowest & unconnected (b)
start @ 2
4 is lowest & unconnected (c)
start @ 4
5 is lowest & unconnected (d)
start @ 5
6 is lowest & unconnected (e)