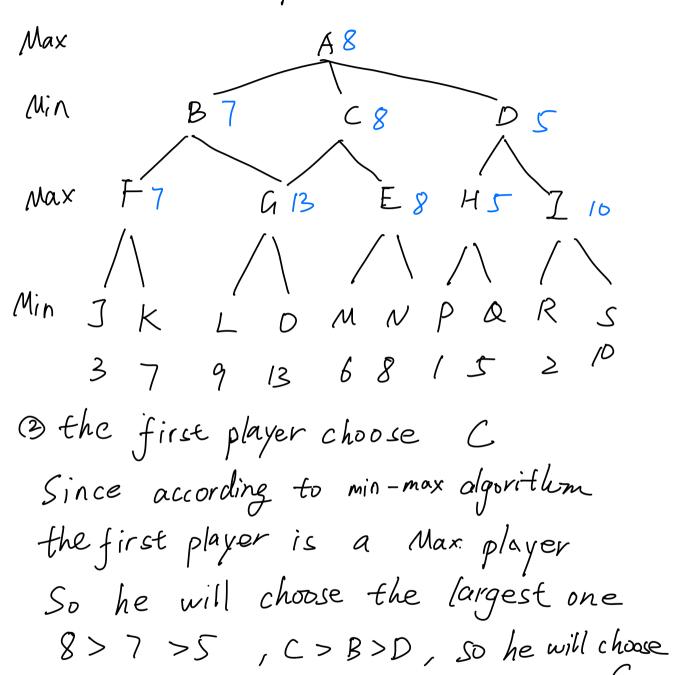
LOMNPQ

9 13 68 15 2 10

Min

Solution (a) (i) 1) compute result



(ii) (i) apply & - B pruning. Max A - 12 $M_i \Lambda$ Bto C + 00 Max G-00 Min LOMNPQ 9 13 68 15 Max Min Btox 7 C + C Max G > 9 Min LOMNPQ D 9 13 68 15

9 > 7 , prune. 3 Max Min Btw 7 C + 8 9 8 Max G= 9 E= 188 H= 1, 7-0 1/4 + 1/4 Al Min LOMNPQRS 379136815210 5 < 8 prine (iii) not visited node. I R