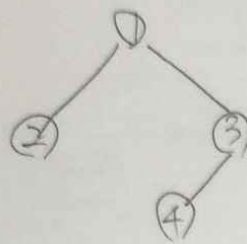


이산구조 8장 과제

2019101074 안용상

이산구조 8장 과제 2019101074 안용상

2.



(1) 중순위 L-D-R

② → ① → ④ → ③ → ⑤

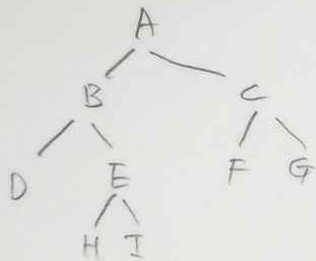
(2) 전순위 D-L-R

① - ② - ③ - ④ - ⑤

(3) 후순위 L-R-D

② - ④ - ⑤ - ③ - ①

4.



(1) 중순위 L-D-R

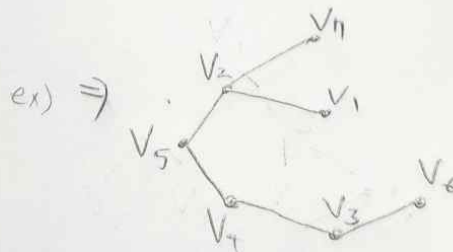
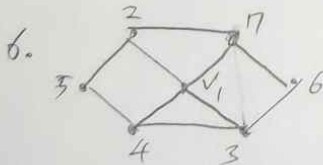
D-B-H-E-I-A-F-C-G

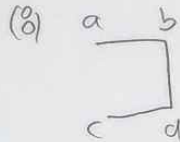
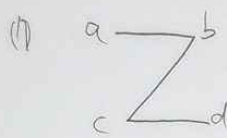
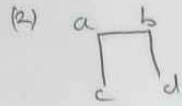
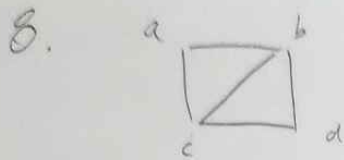
(2) 전순위 D-L-R

A-B-D-E-H-I-G-F-G

(3) 후순위 L-R-D

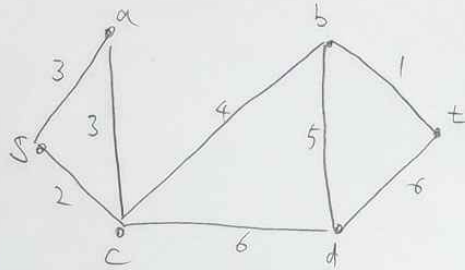
D-H-I-E-B-F-G-C-A





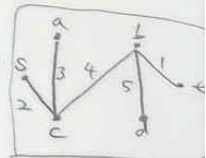
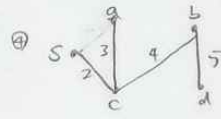
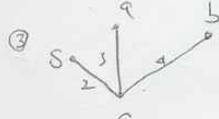
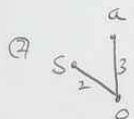
8 7LZ1 !

10.

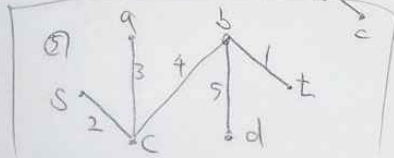
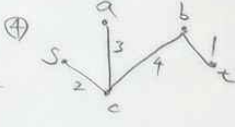
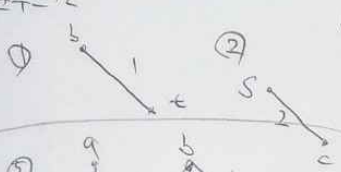


$S \rightarrow t$ MST?

1) $\frac{1}{2}$.



2) $\frac{3}{4} \leq \frac{1}{2}$



12. (1) 풀이.

① $a \xrightarrow{12} b$

② $a \xrightarrow{12} b \xrightarrow{7} c$

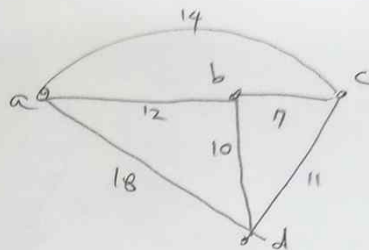
③ $a \xrightarrow{12} b \xrightarrow{7} c$
 $\quad \quad \quad 10 \downarrow$
 $\quad \quad \quad d$

2) $3\frac{1}{2} \leq 7\frac{1}{2}$

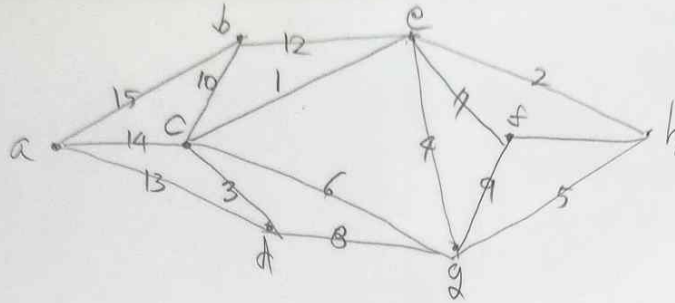
① $b \xrightarrow{7} c$

② $b \xrightarrow{7} c$
 $\quad \quad \quad 10 \downarrow$
 $\quad \quad \quad d$

③ $a \xrightarrow{12} b \xrightarrow{7} c$
 $\quad \quad \quad 10 \downarrow$
 $\quad \quad \quad d$



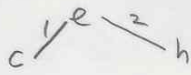
17.



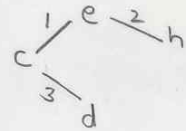
①



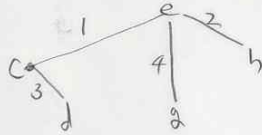
②



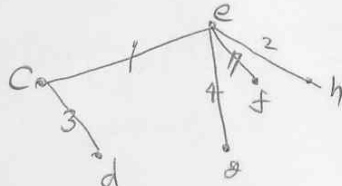
③



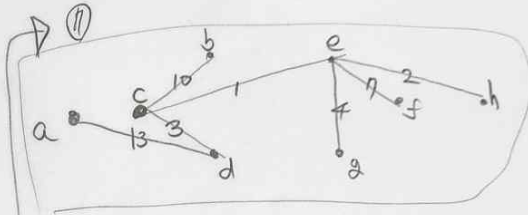
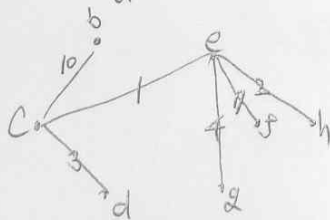
④



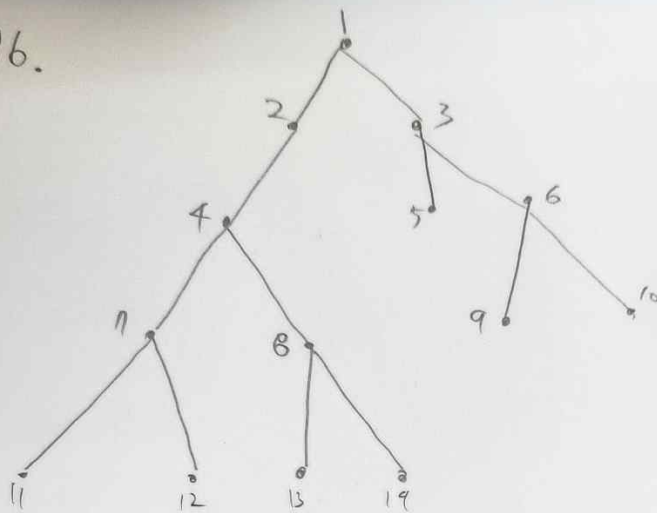
⑤



⑥



16.



① 중순위 L-D-R

⑪ → ⑭ → ⑫ → ④ → ⑬ → ⑧ → ⑭ → ② → ① → ⑤ → ③ → ⑨ → ⑥ → ⑩

② 전순위 D-L-R

① → ② → ④ → ⑭ → ⑪ → ⑫ → ⑧ → ⑬ → ⑭ → ③ → ⑤ → ⑥ → ⑨ → ⑩

③ 후순위 L-R-D

⑪ → ⑫ → ⑭ → ⑬ → ⑭ → ⑧ → ④ → ② → ⑤ → ⑨ → ⑩ → ⑥ → ③ → ①