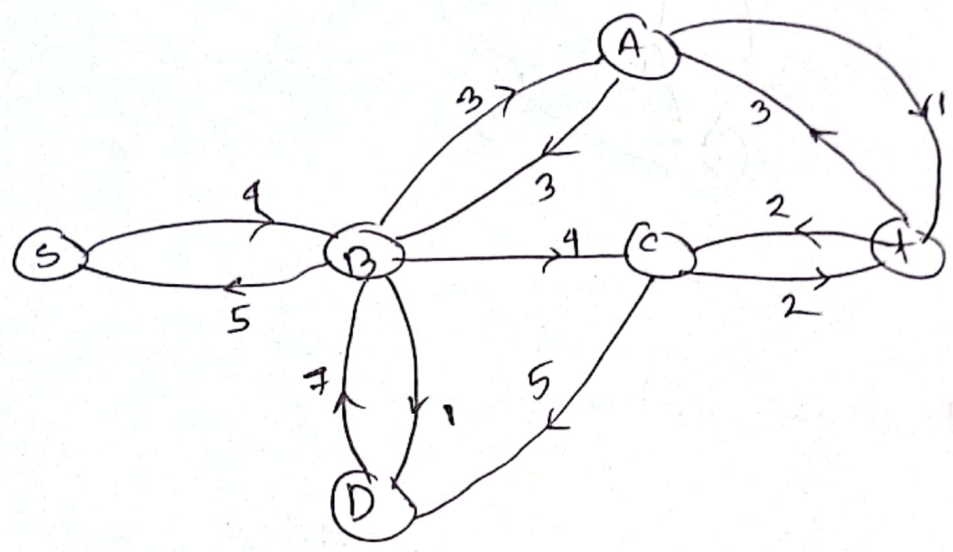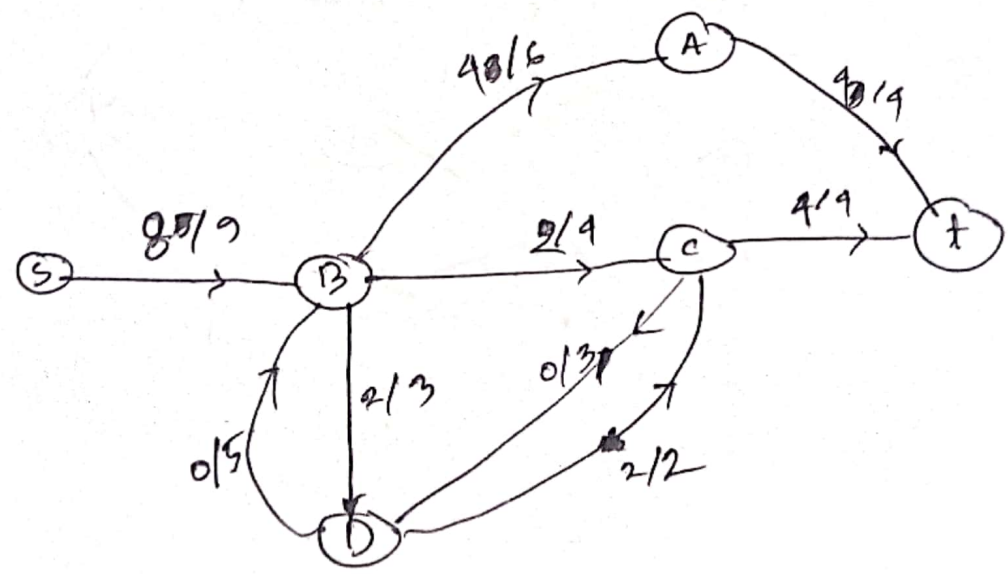Roll - 1705045
Iftekhar Hakim

①

i) Value of flow is = 5

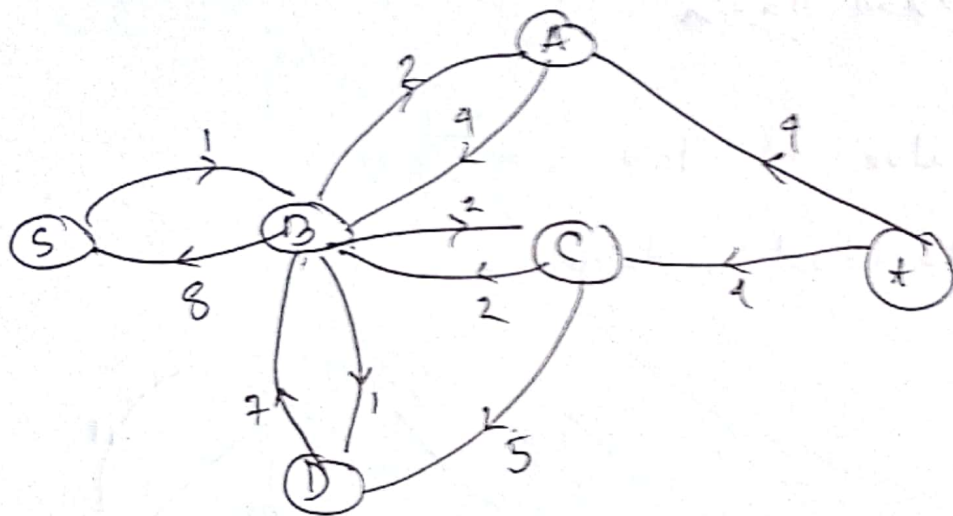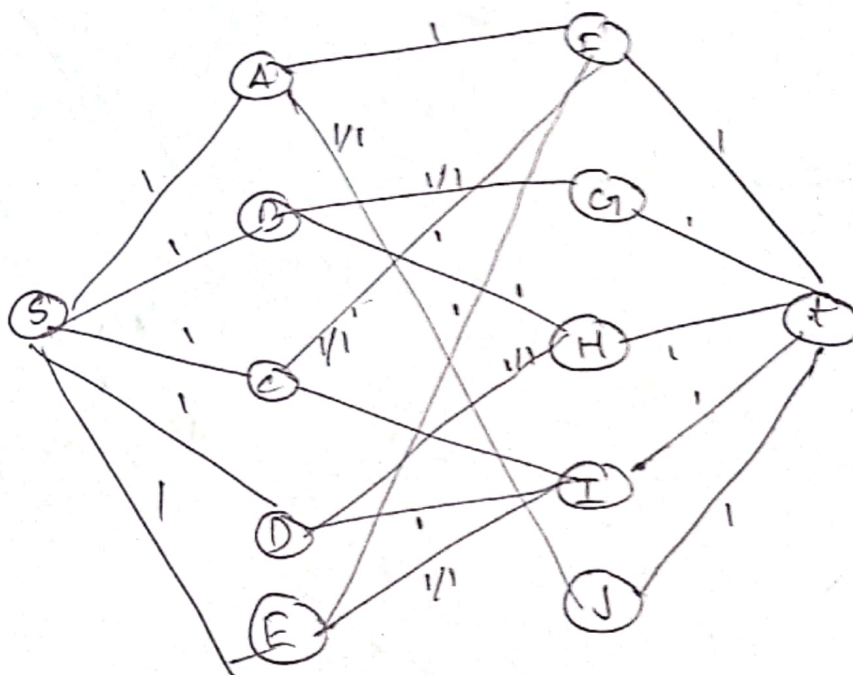ii) Residual network —

(iii) Maximum flow networks —

So, max flow = 8

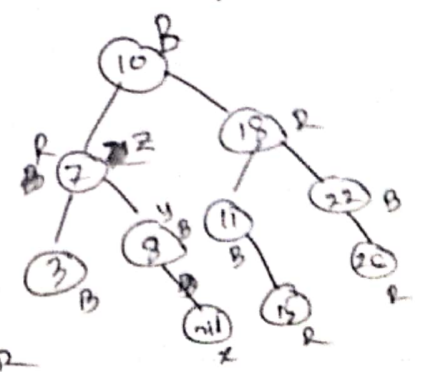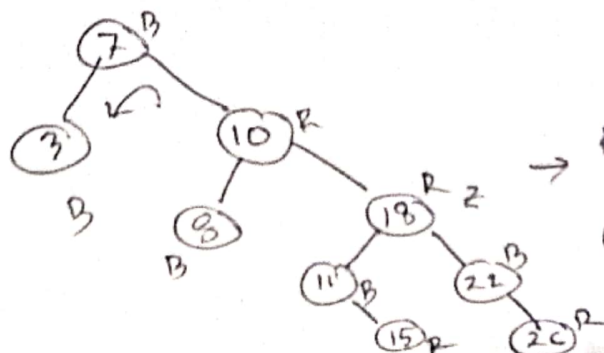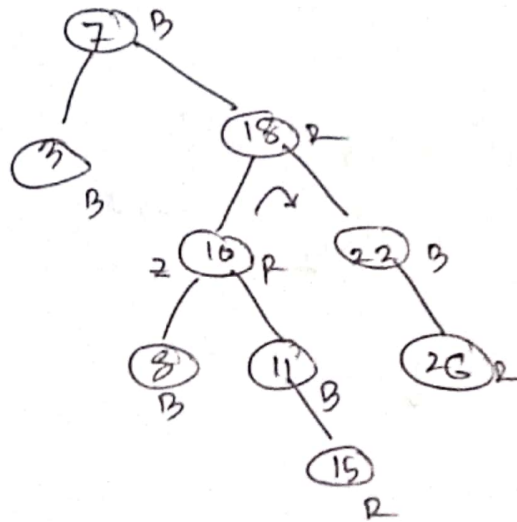iv) Residual graph of max flow —

② Max. flow network —
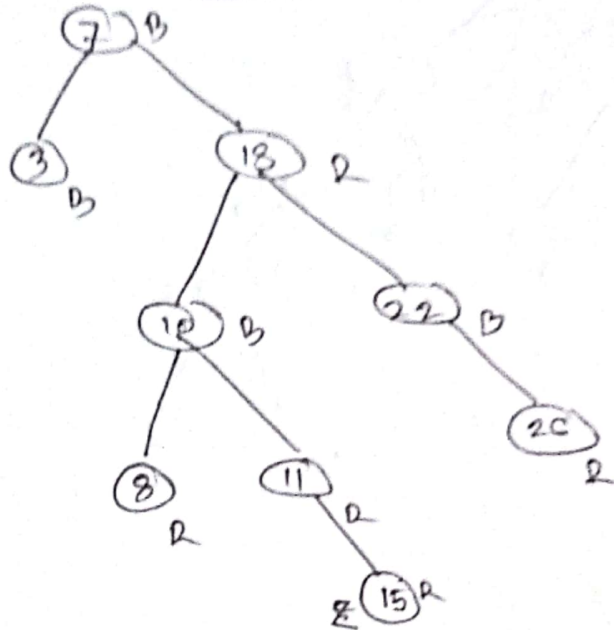

(A, J) (B, G) (C, F) (D, H) (E, I).
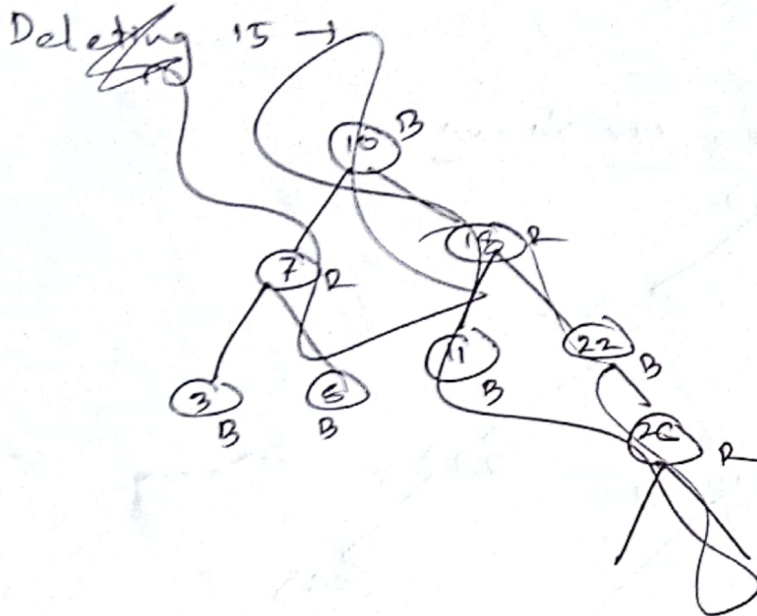
So, maximum matching size is 5.

Inserting 15.

Not all "nil" nodes are shown.

↓

↓

Now for deleting
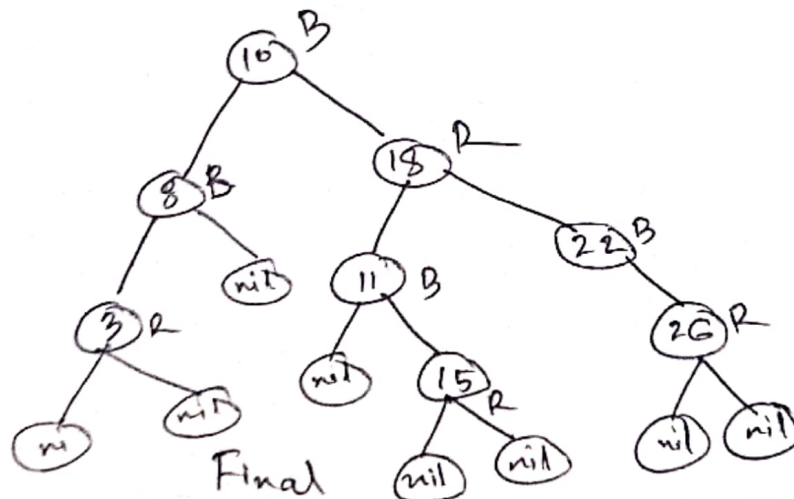X,y,Z are
manual

↓

Deleting 15 →

Deleting 7 →

case 2

↓

Final