

Date

No

Bài 1 đề 1:

a) $\deg^-(v)$

$\deg^-(1) = 2$

$\deg^-(2) = 3$

$\deg^-(3) = 1$

$\deg^-(4) = 2$

$\deg^-(5) = 2$

$\deg^-(6) = 5$

$\deg^-(7) = 2$

$\deg^-(8) = 2$

$\deg^-(9) = 4$

$\deg^-(10) = 3$

 $\deg^+(v)$

$\deg^+(1) = 4$

$\deg^+(2) = 3$

$\deg^+(3) = 3$

$\deg^+(4) = 3$

$\deg^+(5) = 3$

$\deg^+(6) = 3$

$\deg^+(7) = 2$

$\deg^+(8) = 2$

$\deg^+(9) = 2$

$\deg^+(10) = 2$

b) Ma trận kề:

	1	2	3	4	5	6	7	8	9	10
1	0	1	0	0	1	0	0	1	0	1
2	0	0	1	0	1	1	0	0	0	0
3	0	0	0	1	0	1	0	1	0	0
4	0	1	0	0	0	1	0	0	1	0
5	0	0	0	1	0	1	1	0	0	0
6	1	0	0	0	0	0	1	0	1	0
7	0	0	0	0	0	0	0	1	1	0
8	0	0	0	0	0	0	0	0	1	1
9	1	0	0	0	0	0	0	0	0	1
10	0	1	0	0	0	1	0	0	0	0

Date

No

Bài 1 đề 2:

a) $\deg(1) = 3$

$\deg(2) = 3$

$\deg(3) = 5$

$\deg(4) = 3$

$\deg(5) = 4$

$\deg(6) = 4$

$\deg(7) = 4$

$\deg(8) = 5$

$\deg(9) = 3$

$\deg(10) = 2$

b) Ma trận liên thuộc:

	1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	1	1	1	0	0	0	0	0	0	0	0	0	0	0
2	1	0	0	1	1	0	0	0	0	0	0	0	0	0
3	0	0	0	1	0	1	1	1	0	0	0	0	0	0
4	0	0	0	0	0	1	0	0	0	1	1	0	0	0
5	0	0	0	0	0	0	0	0	1	0	1	1	1	0
6	0	1	0	0	0	0	0	0	0	1	1	0	0	0
7	0	0	0	0	0	0	1	0	0	0	0	1	1	0
8	0	0	0	0	1	0	0	1	0	0	0	1	0	1
9	0	0	0	0	0	0	0	1	0	0	0	0	0	1
10	0	0	1	0	0	0	0	0	0	0	0	0	0	1

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18

Date

No

Bài 1 đề 3:

a) $\deg^-(v)$

$$\deg^-(1) = 3$$

$$\deg^-(2) = 2$$

$$\deg^-(3) = 3$$

$$\deg^-(4) = 3$$

$$\deg^-(5) = 3$$

$$\deg^-(6) = 2$$

$$\deg^-(7) = 2$$

$$\deg^-(8) = 2$$

$$\deg^-(9) = 3$$

$$\deg^-(10) = 2$$

$\deg^+(v)$

$$\deg^+(1) = 2$$

$$\deg^+(2) = 4$$

$$\deg^+(3) = 2$$

$$\deg^+(4) = 1$$

$$\deg^+(5) = 3$$

$$\deg^+(6) = 5$$

$$\deg^+(7) = 2$$

$$\deg^+(8) = 2$$

$$\deg^+(9) = 1$$

$$\deg^+(10) = 3$$

b) Ma trận kề:

	1	2	3	4	5	6	7	8	9	10
1	0	1	0	0	0	0	0	0	1	0
2	0	0	1	1	1	1	0	0	0	0
3	0	0	0	1	1	0	0	0	0	0
4	0	0	0	0	0	1	0	0	0	0
5	1	0	0	1	0	0	1	0	0	0
6	0	0	1	0	1	0	1	1	0	1
7	0	0	0	0	0	0	0	1	1	0
8	1	0	0	0	0	0	0	0	1	0
9	0	0	0	0	0	0	0	0	0	1
10	1	1	1	0	0	0	0	0	0	0

Date

No

Bài 1 đề 4

a) $\deg(1) = 3$

$\deg(2) = 2$

$\deg(3) = 3$

$\deg(4) = 3$

$\deg(5) = 3$

$\deg(6) = 3$

$\deg(7) = 2$

$\deg(8) = 3$

$\deg(9) = 4$

$\deg(10) = 6$

b) Ma trận liên thuộc

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	1	0	1	1	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0
5	0	0	0	0	0	1	0	1	0	0	1	0	0	0	0	0
6	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0
8	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
9	0	1	0	0	0	0	1	0	0	0	0	0	0	0	1	1
10	0	0	1	0	1	0	0	0	0	1	1	1	1	0	0	1