一

1. C
2. B
3. D
4. B
5. C
6. D
7. A
8. C
9. D
10. A

二

1. n(n+1)/2
2. S->link = H; H= S;
3. 2n0-1
4. front->link->link==NULL; 或 front->link->link==rear;
5. O(1);O(n)
6. (n+1)/2;(n-1)/2
7. 60
8. 中序
9. 8
10. 56

三

1. F

2. F

3. F

4. T

5. F

6. T

7. T

8.T

9.T

10. T

四

1. 1) A

/

B

/ \

C D

/ / \

E F G

/ /

H I

/

J

2) 略

1. 3 5 14 34 11 22 76 61 100 25 44 120

3. 48

/ \

28 20

/ \ / \

15 13 9 11

/ \

5 8

/ \

1. 3

4.XSXXSSXXSXXSXXSSSS

五．

1. LinkNode \* tmp, \* pre;

tmp = L-> link; pre =L;

while (tmp->link != NULL && tmp->link != p)

{ pre = tmp; tmp = tmp -> link; }

if (tmp->link == NULL) return;

else

{ pre->link =p; delete tmp; }

1. A: i<j;

B: A[i] % 2

C: !(A[j] % 2)

D: A[i] +=A[j]; A[j]= A[i]- A[j]; A[i]= A[i]- A[j];

3

1．

解法1）

WPL(T:BNode \*):int;

{ n= 0; WPL1(T,0);

WPL= n

};

void WPL1(T:BNode \*; h:int);

{

if ( T !=NULL )

if ( (T->Lchild==NULL) && (T->Rchild==NULL)

) n= n+T->data\*h

; else { WPL1(T->Lchild,h+1); WPL1(T->Rchild,h+1) }

};

解法2）

WPL(T:BNode \*):int;

{

if ( T ==NULL

) WPL= 0

; else if ( (T->Lchild==NULL) && (T->Rchild==NULL)

) WPL= 0

; else WPL= T->data+WPL(T->Lchild+WPL(T->Rchild)

};