

Ans for Q. No: 01

```
public class fabulous_digit (int num, int  
    leng){
```

```
    if (num < 10){
```

```
        return num;
```

```
    }
```

```
    else{
```

```
        return (num % 10 + fabulous_digit(num / 10));
```

```
    }
```

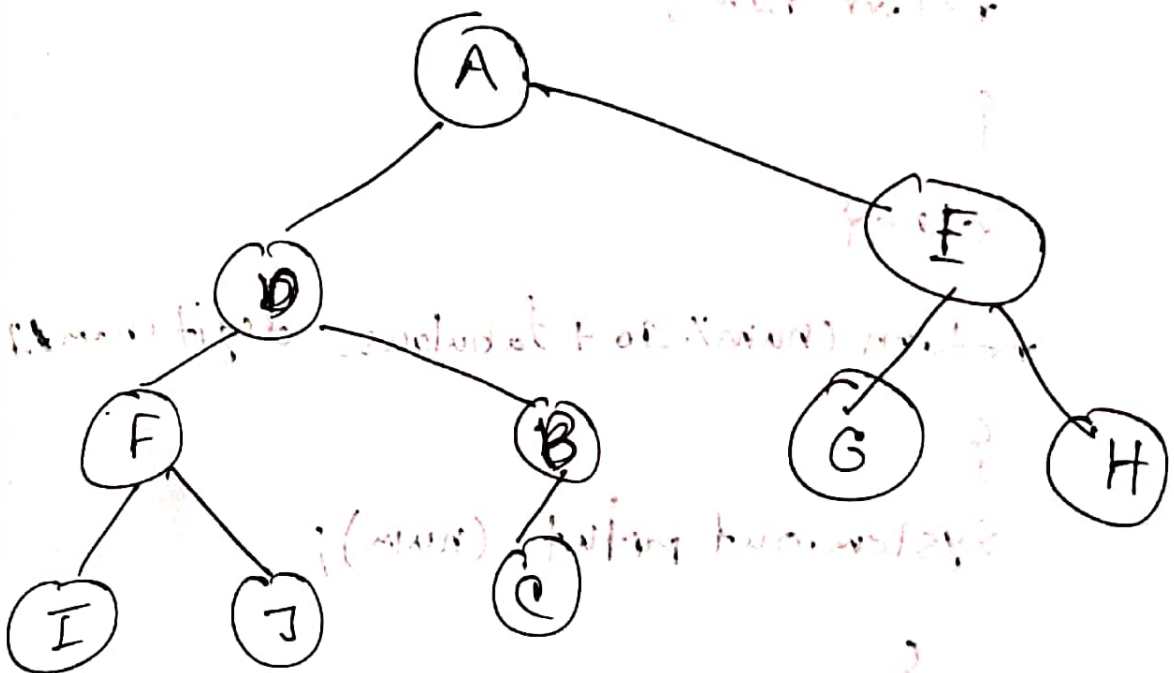
```
    System.out.print (num);
```

```
}
```

Ans to the Question no: 2

2
(a)

Given A, D, F, f, B, G, H, I, J, L



(b)

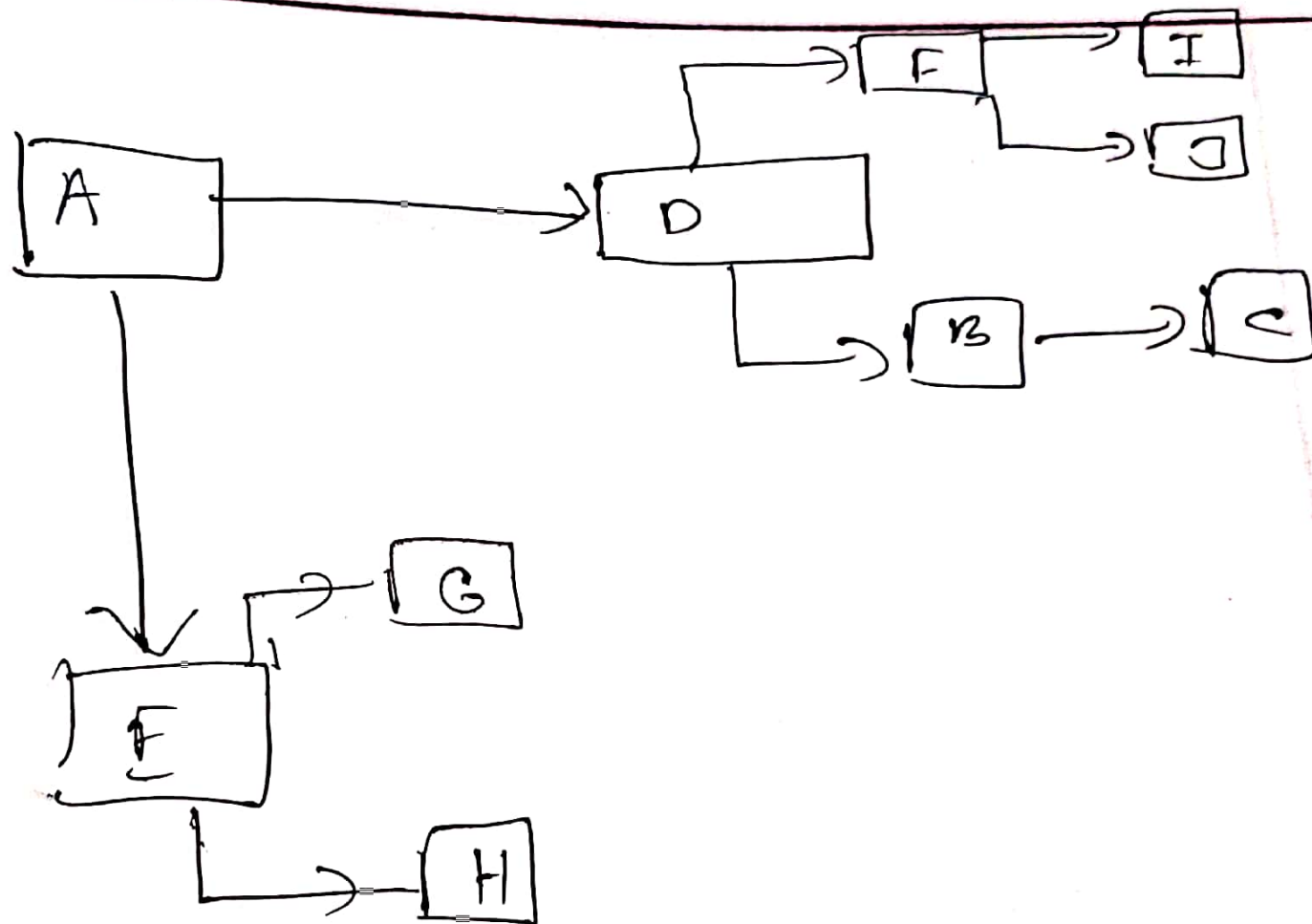
Pre Order :

A D F I J B C F G H

Inorder :

I F J D C B A G E H

2e



Agency list

3(b)

V $\square \rightarrow$ W \rightarrow E \rightarrow I

O $\square \rightarrow$ S \rightarrow A \rightarrow N \rightarrow I

L $\square \rightarrow$ S \rightarrow W \rightarrow G \rightarrow I

K $\square \rightarrow$ A \rightarrow E \rightarrow N \rightarrow I

S $\square \rightarrow$ O \rightarrow L \rightarrow G \rightarrow I

W $\square \rightarrow$ V \rightarrow L \rightarrow E \rightarrow I

A $\square \rightarrow$ O K N \rightarrow

G $\square \rightarrow$ L \rightarrow S \rightarrow I

F $\square \rightarrow$ V \rightarrow K \rightarrow W \rightarrow N \rightarrow I

N $\square \rightarrow$ O \rightarrow R \rightarrow A \rightarrow E \rightarrow I

✓

O

L

K

S

W

A

G

E

N

Ans to P6 Q no: 3

a)

