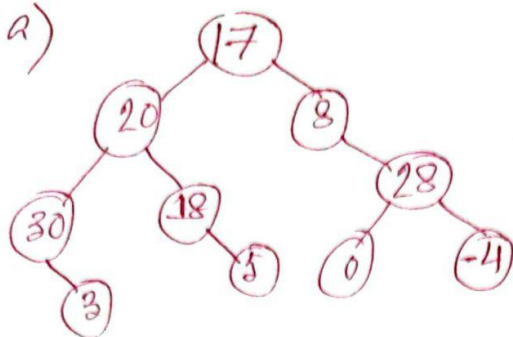**MAKEUP QUIZ**

Question-2

```python
def recursive_check(s,i,n):
  if i >= n:
    return True

  if abs(ord(s[i])-ord(s[n])) == i+1:
    return recursive_check(s,i+1,n-1)

  else:
    return False

s = 'a5fK8gc3B'
print(recursive_check(s.lower(),0,len(s)-1))
```
```
True
```
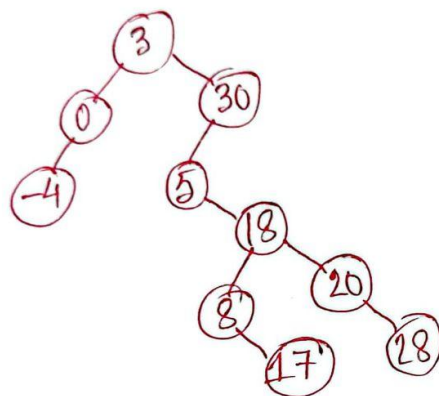
Question-1

1. a)

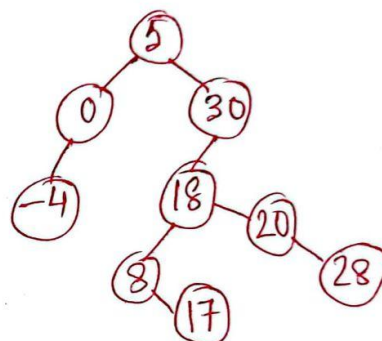Resulting Binary Tree
(not BST)

b) Post: 3 30 5 18 20 0 -4 28 8 17
   In: 30 3 20 18 5 17 8 0 28 -4

c)

d) i) successor of 3 → 5

ii) predecessor of 18 → 17