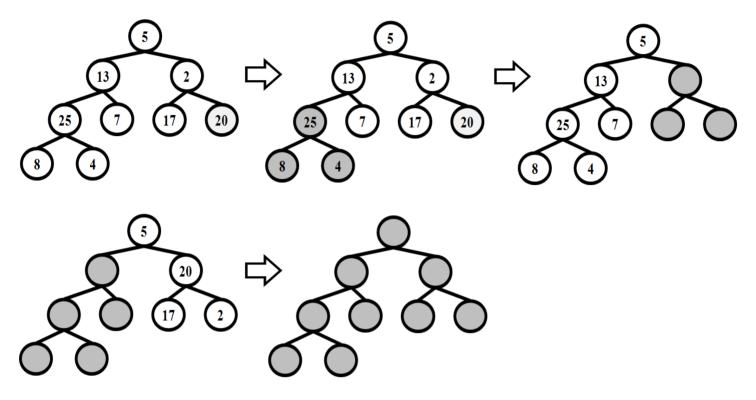
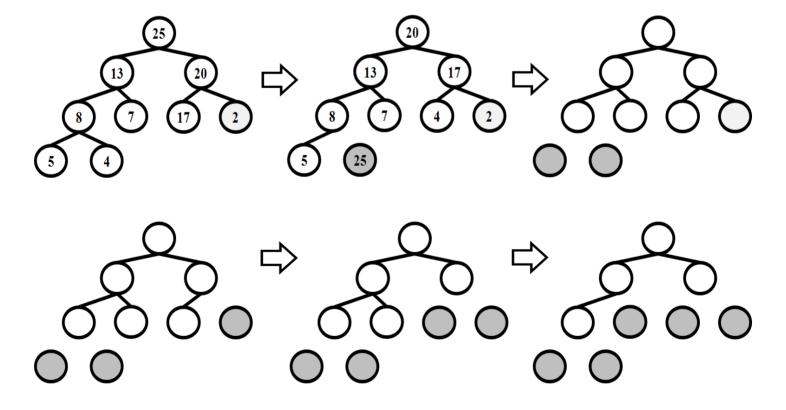
## Review 5

1. Illustrate the operation of HEAPSORT on the array  $A=\{5,13,2,25,7,17,20,8,4\}$ .

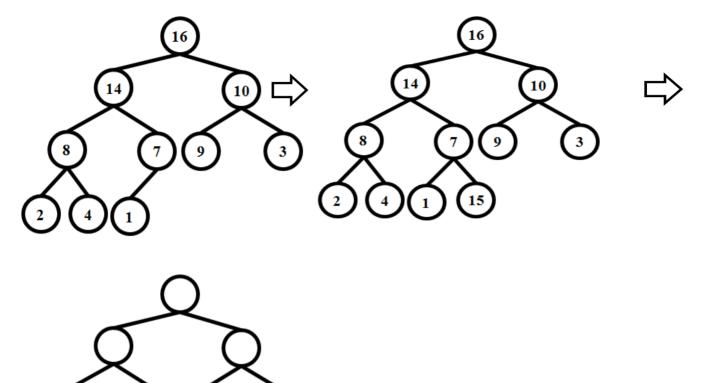
## a) BUILD-MAX-HEAP



## b) Extract-Max



c) Max-Heap-Insert(A, 15).



2. Fill in the blanks in the following pseudocode for Heapsort.

