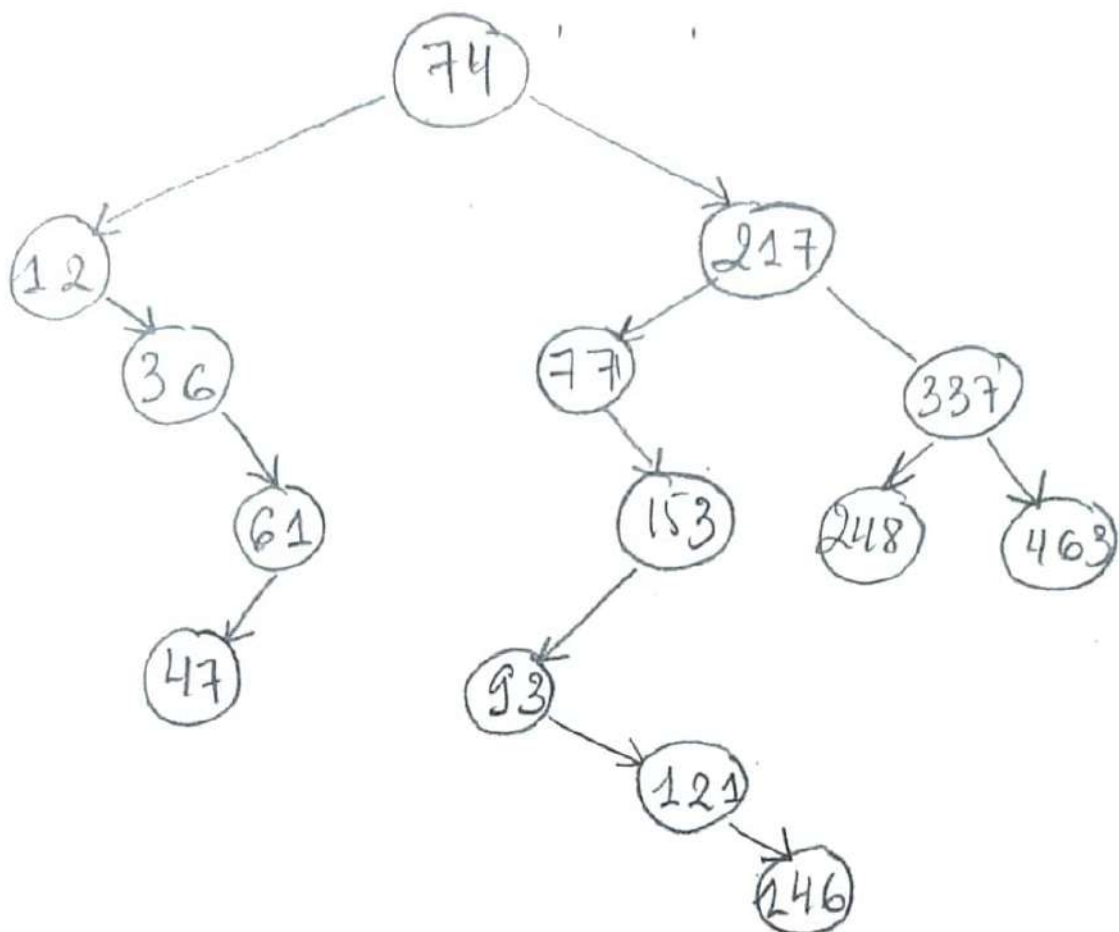
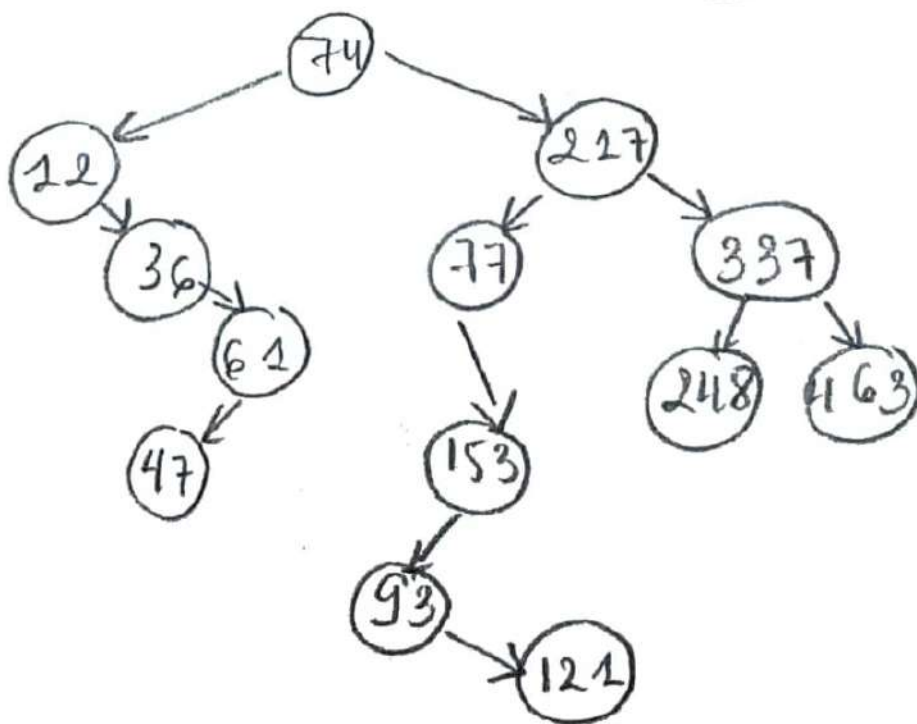


1/a

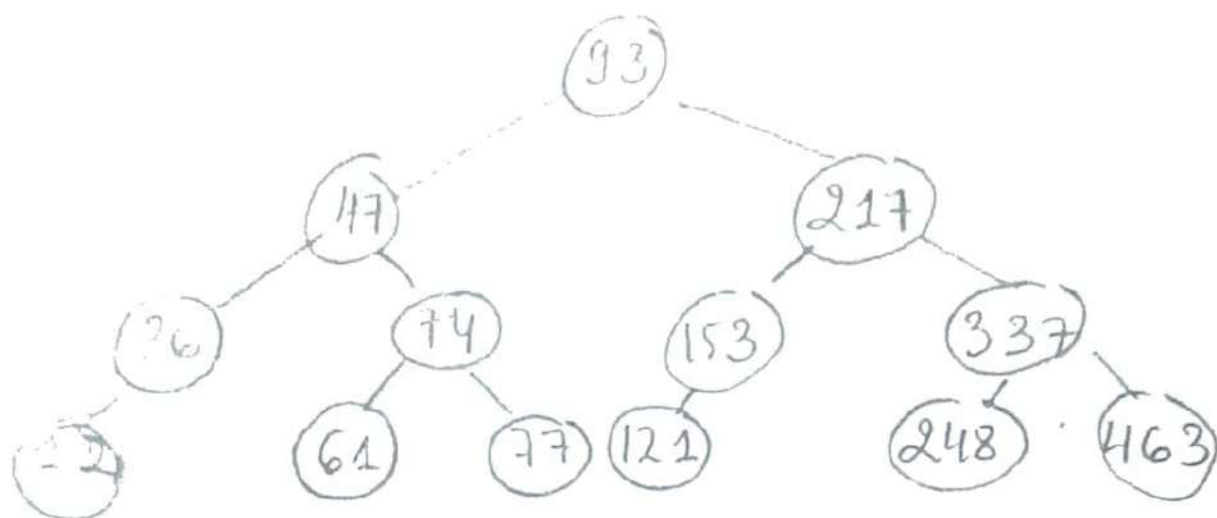


b/



c/ The orders of numbers.

93, 47, 217, 36, 74, 153, 337, 12, 61,
77, 121, 248, 463



2/ d can not be the sequence of keys examined, because
 4, 924, 278, 347, 621, 299, 392, 358, 363

$363 > 4 \Rightarrow 924, 278, 347, 621, 299, 392, 358$ must be larger than 4

$363 < 924 \Rightarrow 278, 347, 621, 299, 392, 358, 363$ must be smaller than 924

$363 > 278 \Rightarrow 347, 621, 299, 392, 358, 363$ must be larger than 278

$363 \neq 347 \Rightarrow 621, 299, 392, 358, 363$ must be larger than 347, but 299 is not

$\Rightarrow d$ is the answer

3/ a) 24, 9, 3, 2, 4, 15

24, 9, 3, 4, 1, 15

24, 9, 3, 15, 4, 1

24, 9, 15, 3, 4, 1

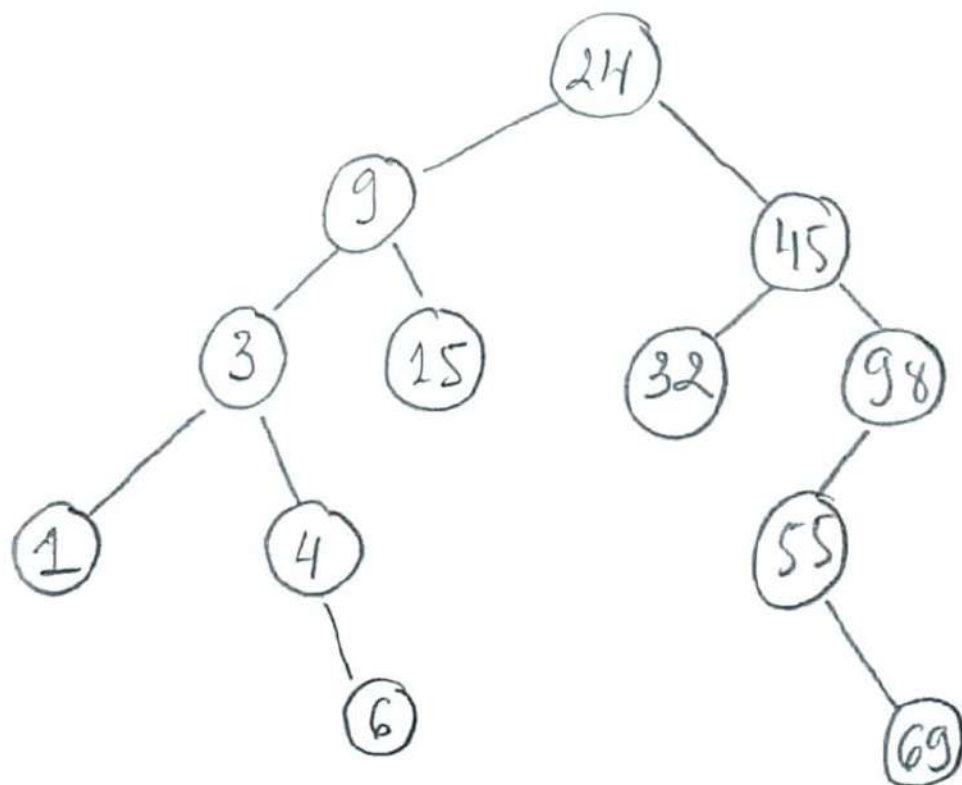
24, 9, 3, 15, 4, 1

24, 9, 3, 15, 1, 4

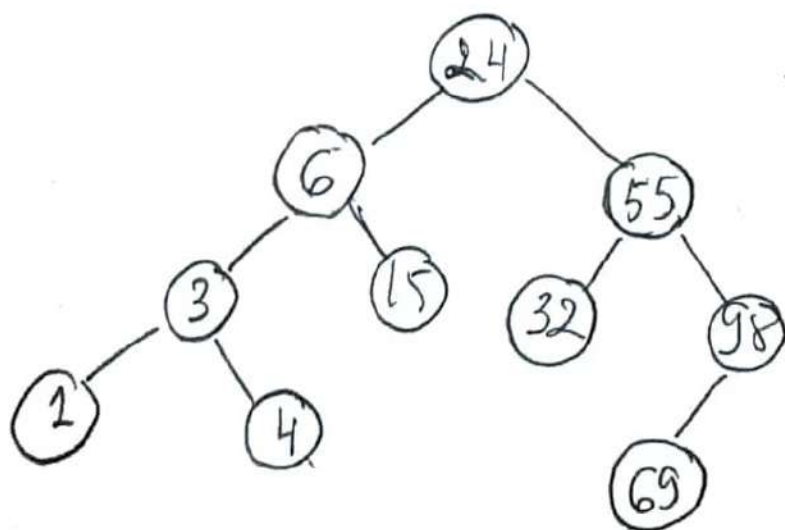
24, 9, 3, 4, 15, 1

24, 9, 15, 3, 1, 4

b/



c/



d/ 15, 4, 55, 3, 6, 32, 69, 1, 24, 98