a) func7() requires the most computing time (i.e., 16.88)

1. The func7() can’t be parallelized. Speedup will be null so we can’t calculate efficiency and both will be zero since it taking longest execution time.
2. Func7() is called 260 times.
3. It calls gettimeofday(timeval\*, timezone\*) function.

b) gettimeofday(timeval\*, timezone\*) function is called 65368 times from main () , funct6() , funct4() , funct5() , funct2() ,funct8() ,funct3() ,funct7() ,funct1()

c) Composition of function func5(): Exclusive runtime = 0.84s Inclusive runtime has the runtimes of the children function :-

Computation time = 11.82+10.97+2.55+0.84= 26.18s