

Midterm Answer Sheet

Name: _____

UTK Email: _____

Major: _____

Question 1

Circle the correct answer:

Part 1: *a b c d e f g h i j*

Part 2: *a b c d e f g h i j k l m n o p q r s t*

Question 2

Circle the correct answer:

A:	$O(1)$	$O(\alpha(n))$	$O(\log(n))$	$O(n)$	$O(n \log(n))$	$O(n^2)$	$O(n!)$	$O(2^n)$
B:	$O(1)$	$O(\alpha(n))$	$O(\log(n))$	$O(n)$	$O(n \log(n))$	$O(n^2)$	$O(n!)$	$O(2^n)$
C:	$O(1)$	$O(\alpha(n))$	$O(\log(n))$	$O(n)$	$O(n \log(n))$	$O(n^2)$	$O(n!)$	$O(2^n)$
D:	$O(1)$	$O(\alpha(n))$	$O(\log(n))$	$O(n)$	$O(n \log(n))$	$O(n^2)$	$O(n!)$	$O(2^n)$
E:	$O(1)$	$O(\alpha(n))$	$O(\log(n))$	$O(n)$	$O(n \log(n))$	$O(n^2)$	$O(n!)$	$O(2^n)$
F:	$O(1)$	$O(\alpha(n))$	$O(\log(n))$	$O(n)$	$O(n \log(n))$	$O(n^2)$	$O(n!)$	$O(2^n)$
G:	$O(1)$	$O(\alpha(n))$	$O(\log(n))$	$O(n)$	$O(n \log(n))$	$O(n^2)$	$O(n!)$	$O(2^n)$
H:	$O(1)$	$O(\alpha(n))$	$O(\log(n))$	$O(n)$	$O(n \log(n))$	$O(n^2)$	$O(n!)$	$O(2^n)$

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