

Question 1 ⚙

A B C D E

Question 2 ⚙

A B C D E

Question 3 ⚙

A B C D E

Question 4 ⚙

A B C D E

Question 5 ⚙

A B C D E

Question 6 ⚙

A B C D E

Question 7 ⚙

A B C D E

Question 8 ⚙

A B C D E

Question 9 ⚙

A B C D E

Question 10 ⚙

A B C D E

Question 11 ⚙

A B C D E

Question 12 ⚙

A B C D E

Question 13 ⚙

A B C D E

Question 14 ⚙

A B C D E

Question 15 ⚙

A B C D E

Question 16 ⚙

A B C D E

Question 17 ⚙

A B C D E

Question 18 ⚙

A B C D E

Question 19 ⚙

A B C D E

Question 20 ⚙

A B C D E

Question 21 ⚙

A B C D E

Question 22 ⚙

A B C D E

Question 23 ⚙

A B C D E

Question 24 ⚙

A B C D E

Question 25 ⚙

A B C D E

Question 26 ⚙

A B C D E

Question 27 ⚙

A B C D E

Question 28 ⚙

A B C D E

Question 29 ⚙

A B C D E

Question 30 ⚙

A B C D E

Question 31 ⚙

A B C D E

Question 32 ⚙

A B C D E

Question 33 ⚙

A B C D E

Midterm Exam 3, Form A
Compsci 201, Fall 2023, Duke University

Form A, Question 13

```
return 1 + count(t.left) + count(t.right)
```

Form A, Question 19

```
zigzag(nodeVal + 1, numNodes - 1)
```

Form A, Question 24

```
 $O(kM + kM \log M)$ 
```

Form A, Question 28

```
Math.max(lmax, rmax) + t.info
```

Form A, Question 31

```
t.left.info
```

Form A, Question 32

```
t.right.info
```

Form A, Question 33

```
Runaway
```