

DATA STRUCTURES & ALGORITHMS (BCSE2361)

Question 1

Not yet answered

Marked out of

Flag question

Select one:

a. Algorithm that uses main memory during the sort.

10. Which of the following is incorrect with respect to binary trees?

b. Algorithm that uses tape or disk during the sort .

c. Algorithm that involves swapping.

1. What is an external sorting algorithm?

Clear my choice

Question 2 Not yet

answered

Marked out of

⟨ Flag question

Select one:

O a. Let T be a binary tree with N nodes. Then the number of levels is at least ceil(log (N + 1)).

• b. Let T be a binary tree with N nodes. Then the number of levels is at least floor(log (N + 1)).

 \circ c. Let T be a binary tree with λ levels. Then T has no more than $2\lambda - 1$ nodes.

Clear my choice

Question 3

Not yet answered

Marked out of 0.50

Flag question

2.What is an internal sorting algorithm?

Select one:

a. Algorithm that uses tape or disk during the sort

b. Algorithm that uses main memory during the sort

Clear my choice

Ouestion 4

Not yet answered

Marked out of

3. What is the worst case complexity of bubble sort?

Select one:

O a. O(n)



Quiz navigation



Finish attempt ...

Time left 0:12:02













Clear my choice

Finish attempt ...







