5 marks





## 7 of 10 QUESTIONS

QUESTION 7

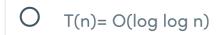




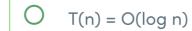




Consider the following recurrence:  $T(n) = 2T(n^{1/2}) + 1T(1) = 1$  Which of the following is true?



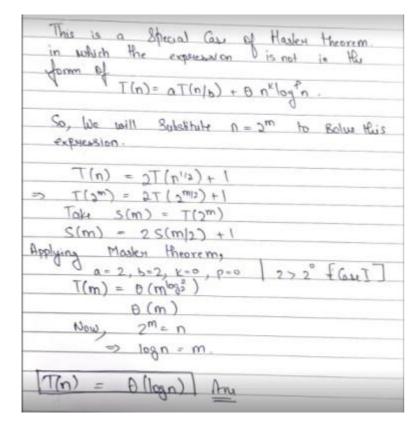
0	T(n) =	O(n <sup>1/2</sup>
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O 
$$T(n) = O(n)$$

Your submitted response was correct.

Explanation



Previous

Next