



ZJU_FDS_MidTermExam

<div>✕ 判断题 8</div> <div>A. 单选题 13</div> <div>📄 程序填空题 2</div>		
<div>1-1 The preorder traversal sequence of any min-heap must be in sorted (non-decreasing) order. (2分)</div> <div><div><div><div></div></div>T</div><div><div><div></div></div>F</div></div> <div>1-1 答案正确 (2 分) <div>💡 创建提问</div></div>		
<div>1-2 $N \log N^2$ and $N \log N^3$ have the same speed of growth. (2分)</div> <div><div><div><div></div></div>T</div><div><div><div></div></div>F</div></div> <div>1-2 答案正确 (2 分)</div>		
<div>1-3 There are more NULL pointers than the actual pointers in the linked representation of any binary tree. (2分)</div> <div><div><div><div></div></div>T</div><div><div><div></div></div>F</div></div> <div>1-3 答案正确 (2 分)</div>		
<div>1-4 The time comexlcity of Binary Search will be the same no matter we store the elements in an array or a linked list. (2分)</div> <div><div><div><div></div></div>T</div><div><div><div></div></div>F</div></div> <div>1-4 答案正确 (2 分)</div>		
<div>1-5 ADT is the abbreviation for Abstract Data Type in the textbook of data structures. (2分)</div> <div><div><div><div></div></div>T</div><div><div><div></div></div>F</div></div> <div>1-5 答案正确 (2 分) <div>💡 创建提问</div></div>		
<div>1-6 The number of leaf nodes in a ternary tree (三叉树) is only related to the number of degree 2 nodes and that of degree 3 nodes, i.e it has nothing to do with the number of degree 1 nodes. (3分)</div> <div><div><div><div></div></div>T</div><div><div><div></div></div>F</div></div> <div>1-6 答案正确 (3 分)</div>		
<div>1-7 For a sequentially stored linear list of length N, the time complexities for random query and inserting the first element are $O(N)$ and $O(1)$, respectively. (2分)</div> <div><div><div><div></div></div>T</div><div><div><div></div></div>F</div></div> <div>1-7 答案错误 ⓘ (0 分)</div>		
<div>1-8 An algorithm may or may not require input, but each algorithm is expected to produce at least one result as the output. (2分)</div> <div><div><div><div></div></div>T</div><div><div><div></div></div>F</div></div> <div>1-8 答案正确 (2 分)</div>		

