

95

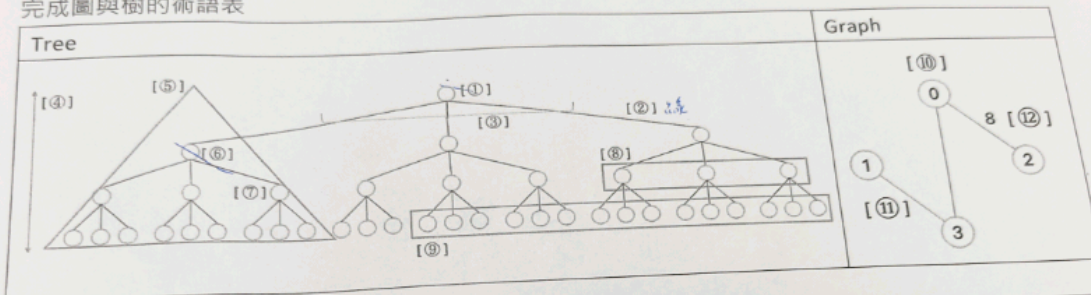
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Q1. (60 pts, 5pts each)

Graph & Tree Terminology.

完成圖與樹的術語表



A1:

①	root	②	edge
③	分支 degree	④	height
⑤	subtree	⑥	parent
⑦	child	⑧	sibling
⑨	leaf	⑩	節點 vertex
⑪	edge	⑫	屬性

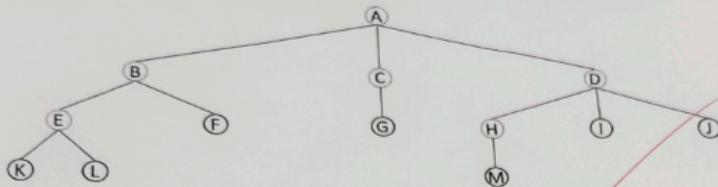
level height

標籤

Q2. (40 pts)

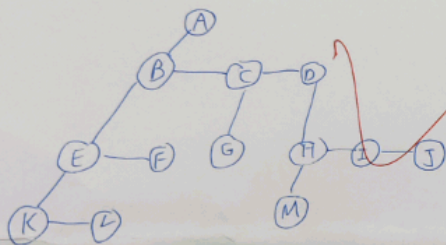
Convert the tree in the figure below into a degree-two (binary) tree, and describe the conversion process.

將下圖中的樹轉換成度(分支)為二的樹(二元樹)，並描述轉換過程。



A2:

先將連線都轉為只連接一個最左邊的 left child
right sibling
把 sibling 接起來



轉角度 rotate

