

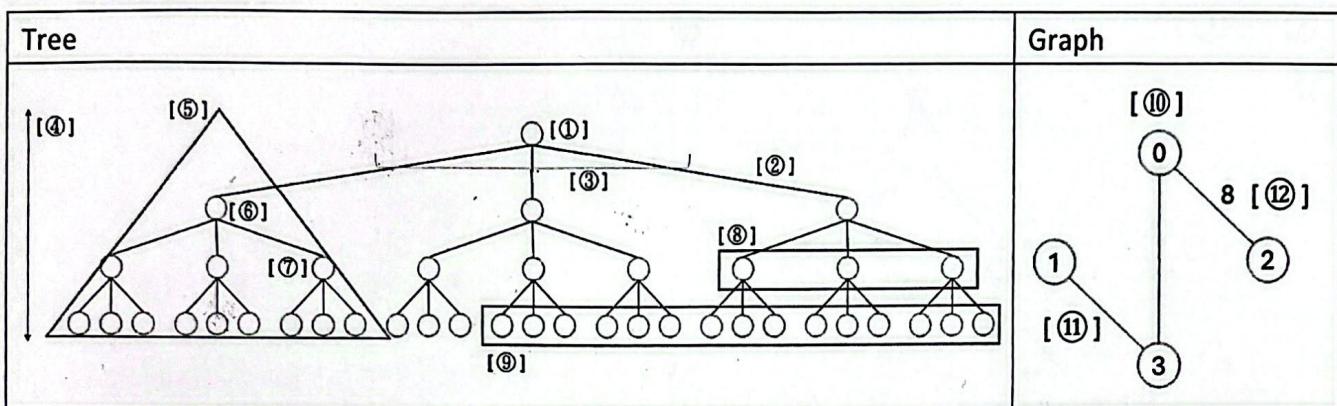
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Q1. (60 pts, 5pts each)

Graph & Tree Terminology.

完成圖與樹的術語表



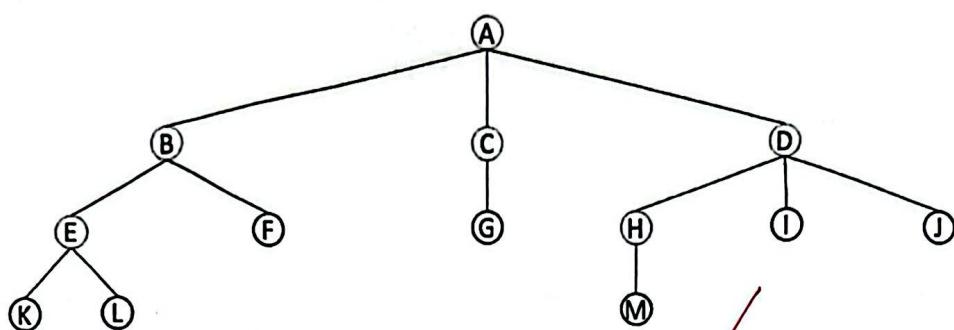
A1:

①	頂點	②	edge
③	寬	④	深度
⑤	subtree	⑥	parents
⑦	child	⑧	兄弟姐妹 sibling
⑨	葉子	⑩	點
⑪	edge	⑫	height

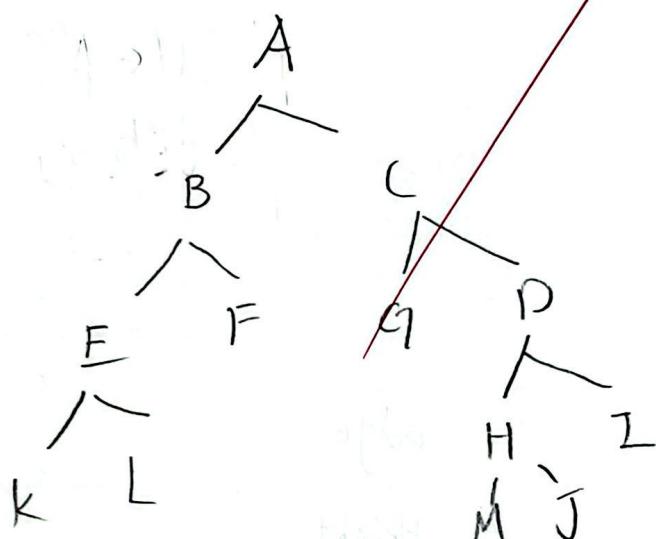
Q2. (40 pts)

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:



把 $A \rightarrow D$ 改掉

C 連到 D

D \rightarrow J 改掉

H 連到 J