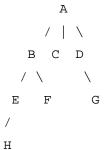
QUIZ WORKSHEET: Trees and Terminology

ate:
rks:
rk each)
structures? c) The root node d) A leaf node nodes? is:
st path from the root to a leaf
s each)
nodes?

Part D: Based on the Given Tree

QUIZ WORKSHEET: Trees and Terminology

Use this tree diagram to answer questions 15 to 23:



- 15. What is the root of the tree?
- 16. List all the leaf nodes:
- 17. What is the degree of node A?
- 18. What is the level of node H?
- 19. What is the height of the tree?
- 20. Which nodes are at level 2?
- 21. Identify all internal nodes:
- 22. What is the degree of node B and node D?
- 23. What is the height of node B?

Part E: Match the Following (1 mark each)

Write the matching letter.

Column A	Match	Column B
24. Degree		A) Node with no children
25. Level		B) Number of edges from root to node
26. Leaf Node		C) Node with at least one child
27. Internal Node		D) Number of children a node has