

The graph structure is as follows:

- Top Level:** Nodes  $H_1$  and  $O_1$  are connected by a horizontal line.
- Second Level:** A row of five **Single** nodes.
  - $O_1$  is connected to the first **Single** node.
  - The first **Single** node is connected to the second **Single** node.
  - The second **Single** node is connected to the third **Single** node.
  - The third **Single** node is connected to the fourth **Single** node.
  - The fourth **Single** node is connected to the fifth **Single** node.
- Third Level:** A row of three **Single** nodes.
  - The second **Single** node from the second level is connected to the first **Single** node of this level.
  - The third **Single** node from the second level is connected to the second **Single** node of this level.
  - The fourth **Single** node from the second level is connected to the third **Single** node of this level.
- Fourth Level:** A row of four **Single** nodes.
  - The first **Single** node of the third level is connected to the first **Single** node of this level.
  - The second **Single** node of the third level is connected to the second **Single** node of this level.
  - The third **Single** node of the third level is connected to the third **Single** node of this level.
  - The fourth **Single** node of the second level is connected to the fourth **Single** node of this level.
- Fifth Level:** A single node labeled  $S_1$  at the bottom.
  - The first **Single** node of the fourth level is connected to  $S_1$ .
  - The second **Single** node of the fourth level is connected to  $S_1$ .
  - The third **Single** node of the fourth level is connected to  $S_1$ .
  - The fourth **Single** node of the fourth level is connected to  $S_1$ .