

## QUESTION 2

Which of the following is a correct statement?

A. The maximum number of nodes in a binary tree is  $2^h - 1$ .

B. The maximum number of nodes in a binary tree is  $2^{h+1} - 1$ .

C. The maximum number of nodes in a binary tree is  $2^h$ .

D. The maximum number of nodes in a binary tree is  $2^{h+1}$ .

E. The maximum number of nodes in a binary tree is  $2^{h+2} - 1$ .

F. The maximum number of nodes in a binary tree is  $2^{h+2}$ .

G. The maximum number of nodes in a binary tree is  $2^{h+1} + 1$ .

H. The maximum number of nodes in a binary tree is  $2^{h+1} + 2$ .

I. The maximum number of nodes in a binary tree is  $2^{h+1} - 2$ .

J. The maximum number of nodes in a binary tree is  $2^{h+1} + 1$ .

K. The maximum number of nodes in a binary tree is  $2^{h+1} + 2$ .

L. The maximum number of nodes in a binary tree is  $2^{h+1} - 2$ .

M. The maximum number of nodes in a binary tree is  $2^{h+1} + 1$ .

N. The maximum number of nodes in a binary tree is  $2^{h+1} + 2$ .

O. The maximum number of nodes in a binary tree is  $2^{h+1} - 2$ .

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Q. The maximum number of nodes in a binary tree is  $2^{h+1} + 2$ .

R. The maximum number of nodes in a binary tree is  $2^{h+1} - 2$ .

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U. The maximum number of nodes in a binary tree is  $2^{h+1} - 2$ .