1. If $X = 1$ in the logic equation

$$\left[X + Z \left\{ \overline{Y} + \left(\overline{Z} + X\overline{Y} \right) \right\} \right] \left\{ \overline{X} + \overline{Z} \left(X + Y \right) \right\} = 1,$$ (1)

then

(A) $Y = Z$
(B) $Y = \overline{Z}$
(c) $Z = 1$
(D) $Z = 0$