

## Previous JEE Question 3

The term that corrects for the attractive forces present in a real gas in the van der Waals equation is

(a)  $nb$  (b)  $\frac{an^2}{V^2}$  (2009 - 3M; -1)

(c)  $-\frac{an^2}{V^2}$  (d)  $-nb$

- (b) Correction factor for attractive force for  $n$  moles of real gas is given by the term mentioned in (b).