☆ why sample variance is divided by $(n-1)$? ☆

when we divide sample variance by $(n-1)$. it gives less difference or it is approximately equal to population variance. i.e $(\sigma^2 \approx s^2)$.

It is termed as unbiased estimation.

It is also called Bessel correction.

Degree of Freedom.

In other words we will get more accurate answer when we use $n-1$, instead of n.