

## **Answer on Question # 72995 - Chemistry - Physical Chemistry**

Question 20 : Standard temperature and pressure (STP) refers to which conditions?

273 k and 1 atm

0 K and 1 KPa

0 K and 1 mmHg

0 K and 1 atm

### **Answer:**

Standard temperature is 273 K (zero degrees Celsius). Standard pressure is defined as 1 atm, or 760 mm Hg, or 101.325 kPa. Therefore, from the given options the correct answer is 273 K and 1 atm.

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