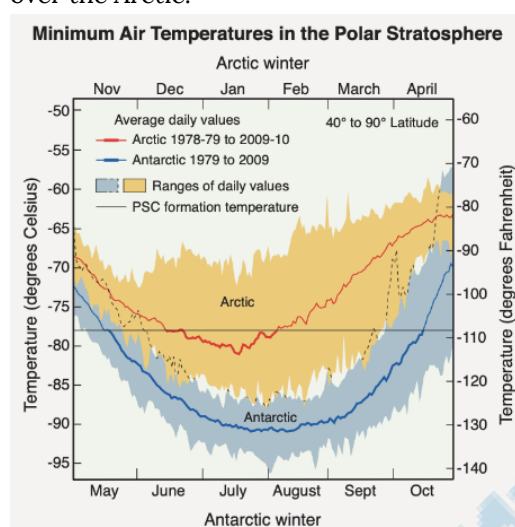


However, these chemicals released by anthropogenic activities (industrial processes) are present in the atmosphere throughout the globe, but the scientists have observed **accelerated and increased depletion of Ozone** in the **polar regions** – the Arctic and the Antarctic.

The reason for that is the formation of **Polar Vortex and Polar Stratospheric Clouds (PSCs)** in these regions which provide **increased and colder surfaces** for **Chloride/ Bromide Mono oxide** to interfere with **Ozone formation**.

However, it has been observed that even in both these polar regions, the **rate and extent of ozone depletion** is **not similar or even comparable**. Scientists have observed over the years that the **depth and extent** of the ozone hole over the **Arctic is much smaller and sometimes even negligible** than over the **Antarctic**.

The reason for that, is that the **Antarctic regions** record **much colder temperatures and for longer time periods** than the **Arctic region**, thus **creating more stable PSCs** and for **longer durations**. This **aggravates ozone depletion** in the Antarctic, thus causing a bigger ozone hole over the Antarctic than over the Arctic.



Source: <https://csl.noaa.gov/assessments/ozone/2010/twentyquestions/Q10.pdf> Pg 2
<https://www.pnas.org/doi/10.1073/pnas.1319307111#:~:text=stratosphere%20is%20generally-warmer,-than%20the%20Antarctic>

Q.24)

Ans) b

Exp) Option b is the correct answer.

The National Mission for Enhanced Energy Efficiency (NMEEE) is one of the eight national missions under the National Action Plan on Climate Change (NAPCC). NMEEE aims to strengthen the market for energy efficiency by creating conducive regulatory and policy regime and fostering innovative and sustainable business models to the energy efficiency sector. The Mission has been implemented since 2011.

Statement 1 is incorrect: An initiative under NMEEE, called **Energy Efficiency Financing Platform (EEFP)** facilitates **Financial Institutions** to **invest in Energy Efficiency Projects and Programmes**

Another initiative called the **Framework for Energy Efficient Economic Development (FEEED)** develops **fiscal instruments** to **leverage financing for Energy Efficiency** through **risk mitigation**. So this statement is **incorrect**, as **initiatives** under this mission do **provide facilitation of access to finance** and **do not focus solely on regulations**.

Statement 2 is correct: MTEE stands for **Market Transformation for Energy Efficiency**. It is an initiative under the NMEEE which aims to improve energy efficiency by **encouraging use of energy efficient appliances**, especially in certain **sectors such as commercial cooling, refrigeration**, etc which