

- a) 1 and 2 only
- b) 2 only
- c) 3 only
- d) 2 and 3 only

Ans) c

Exp) Option c is correct.

Statement 1 is incorrect: Net-zero emission is a state in which a country's **emissions are compensated by absorption** and removal of greenhouse gases from the atmosphere. Net-zero emission does **not mean** that a country would bring down its **emissions to zero**.

Statement 2 is incorrect: It is **possible for a country to have negative emissions**, if the absorption and removal exceed the actual emissions. Absorption of the emissions can be increased by creating more carbon sinks such as forests, while removal of gases from the atmosphere requires futuristic technologies such as carbon capture and storage. A good example is **Bhutan** which is often described as carbon-negative because it absorbs more than it emits.

Statement 3 is correct: The **European Union** has a plan, called "**Fit for 55**", to deliver the carbon neutrality goal. Other countries like China also announced that it would become net-zero by the year 2060. Also, the International Energy Agency's (IEA) has released its Net Zero Emissions (NZE) Roadmap - named '**Net Zero by 2050**'.

Source:

<https://indianexpress.com/article/explained/net-zero-carbon-emissions-climate-change-7436649/>

Q.10) Consider the following pairs

Type	Feature
1. Chronic poor	A person who is poor for most part of his life.
2. Usually poor	A person who is rich but may sometimes move below poverty line.
3. Occasionally poor	A person who is poor but may sometimes move above the poverty line.
4. Churning poor	A person who regularly move below and above the poverty line.

Which of the above pairs is/are correctly matched?

- a) 1, 2 and 3 only
- b) 2 and 3 only
- c) 1 and 4 only
- d) 1, 2, 3 and 4

Ans) c

Exp) Option c is correct.

Pair 1 is correctly matched. Chronic poor include the people who are classified as usually poor and always poor. They are the people who are **poor for most part of their life**.

Pair 2 is incorrectly matched. Usually, poor are people who are **usually below poverty line but may come above poverty line on some occasions**. Example is **casual workers**.

Pair 3 is incorrectly matched. Occasionally poor are people who have **sufficient income to stay above the poverty line but may sometimes move below**