



CURRENT AFFAIRS MCQs 05-09-2023

Ques:1

With reference to One Nation One Election, consider the following statements

1. It refers to the idea of holding simultaneous polls for State Assemblies and the Lok Sabha instead of separate and continuous elections.
2. It was the norm in India until 1967.

Which of the above statements is/are correct?

- a) 1 only b) 2 only c) Both 1 and 2 d) Neither 1 nor 2

Correct Answer

Solution: c)

One nation one election refers to the idea of holding simultaneous polls for State Assemblies and the Lok Sabha instead of separate and continuous elections. One Nation one election was the norm in India until 1967. Simultaneous elections were conducted for the Lok Sabha and the state assemblies in 1952, 1957, 1962, and 1967.

However, due to the premature dissolution of some Legislative Assemblies in 1968 and 1969 the simultaneous election cycle got disrupted.

Source: <https://www.thehindu.com/opinion/editorial/tiers-apart-on-the-one-nation-one-election-trial-balloon/article67270484.ece>

Ques:2

With reference to Global Hunger Index (GHI) 2022, consider the following statements

1. It is a tool for comprehensively measuring and tracking hunger at global, regional, and national levels.
2. India's ranking in Global Hunger Index 2022 is 107 out of 121 countries.
3. It measures countries' performance on four component indicators – undernourishment, child wasting, child stunting and child mortality.
4. It is released by International Monetary Fund every year.

How many of the above statements is/are correct?

- a) Only one b) Only two c) All three d) All four

Correct Answer

Solution: c)



The Global Hunger Index (GHI) is a tool for comprehensively measuring and tracking hunger at global, regional, and national levels. India's ranking in Global Hunger Index 2022 is 107 (slipped from the 2021 index of 101) out of 121 countries. The index is jointly released by Concern Worldwide and Welthungerhilfe every October. The Hunger Index measures countries' performance on four component indicators – undernourishment, child wasting, child stunting and child mortality.

Source: <https://www.thehindu.com/opinion/op-ed/measuring-hunger-across-states/article67266504.ece>

Ques:3

With reference to Air Quality life Index (AQLI) , consider the following statements

1. The AQLI is released by the Energy Policy Institute at the University of Chicago (EPIC) every year.
2. It is a pollution index that translates particulate air pollution into one of the most important metric and its impact on life expectancy.
3. According to the Index, India is the most polluted country in the world.

How many of the above statements is/are correct?

- a) Only one b) Only two c) All three d) None

Correct Answer: b)

Solution

The AQLI is released by the Energy Policy Institute at the University of Chicago (EPIC) every year. It is a pollution index that translates particulate air pollution into one of the most important metric: its impact on life expectancy. India is the second most polluted country in the world after Bangladesh. Nepal, Pakistan and Democratic Republic of Congo were placed at third, fourth and fifth position.

Source: <https://www.thehindu.com/sci-tech/energy-and-environment/air-pollution-now-a-major-risk-to-life-expectancy-in-south-asia-study/article67247357.ece>

Ques:4

With reference to Particulate pollution, consider the following statements

1. It is the term for particles found in the air, including dust, dirt, soot, smoke, and liquid droplets.
2. Particles less than 2.5 micrometers in diameter (PM2.5) are believed to pose less health risks than PM 10.



Which of the above statements is/are correct?

- a) 1 only b) 2 only c) Both 1 and 2 d) Neither 1 nor 2

Correct Answer: a)

Solution

Particulate matter, or PM, is the term for particles found in the air, including dust, dirt, soot, smoke, and liquid droplets. Particles less than 10 micrometers in diameter (PM10) pose a health concern because they can be inhaled into and accumulate in the respiratory system. Particles less than 2.5 micrometers in diameter (PM2.5) are referred to as “fine” particles and are believed to pose the greatest health risks.

Source: <https://www.thehindu.com/sci-tech/energy-and-environment/air-pollution-now-a-major-risk-to-life-expectancy-in-south-asia-study/article67247357.ece>

Ques:5

In the context of WHO Air Quality Guidelines, consider the following statements:

1. The 24-hour mean of PM2.5 should not exceed 15 ug/m³ and annual mean of PM2.5 should not exceed 5 ug/m³.
2. PM10 can penetrate the lung barrier and enter the bloodstream.

Which of the above statements is/are correct?

- a) 1 only b) 2 only c) Both 1 and 2 d) Neither 1 nor 2

Correct Answer:a)

Solution

The WHO guidelines stipulate that PM2.5 should not exceed 5 µg/m³ annual mean, or 15 µg/m³ 24-hour mean; and that PM10 should not exceed 15 µg/m³ annual mean or 45 µg/m³ 24-hour mean. WHO’s new guidelines recommend air quality levels for six pollutants — particulate matter (PM 2.5 & PM10), ozone (O₃), nitrogen dioxide (NO₂) sulfur dioxide (SO₂) and carbon monoxide (CO).

PM 10 can enter through nose and reside in lungs but PM 2.5 can penetrate the lungs barrier and enter the bloodstream.