



## Daily Current Affairs Prelims Quiz 28-04-2025 (Online Prelims Test)

1) Consider the following statements regarding measles and rubella

1. Measles is an extremely contagious infection causing high fever, rashes, and red eyes.
2. Rubella is a milder version of measles with swollen lymph nodes.
3. Measles and rubella both are bacterial infections.

Which of the statements given above is/are correct?

- a. 1 and 2 only
- b. 2 and 3 only
- c. 1 and 3 only
- d. 1, 2, and 3

Answer : a

### Measles

- It is an extremely **contagious viral infection** that usually causes high fever, rashes, cough, muscle pain, headache and red eyes.
- Severe symptoms include pneumonia and brain swelling, leading to death.

### Rubella

- It is also a contagious viral infection that can cause Low-grade fever, sore throat, rash (often mild and less severe than measles), and swollen lymph nodes.
- While it is mild in children and adults, it can lead to serious complications during pregnancy such as miscarriage, stillbirths, birth defects and developmental problems.

2) Consider the following statements regarding the Marine Protected Areas

1. Marine Protected Areas (MPAs) allow unrestricted human activities to boost marine tourism.
2. The Revive Our Ocean Initiative seeks to scale up community-led marine protected areas through local action.

Which of the statements given above is/are correct?

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

Answer : b

## Marine Protected Areas (MPAs)

- MPAs are designated areas within the ocean where **human activities are regulated** to protect marine life and ecosystems.
- They are similar to land-based parks, but in the ocean, these areas offer special protection for natural or historic marine resources.
- Revive Our Ocean Initiative - Aim - To scale up effective, community-led marine protected areas (MPAs) through local action.
- It hopes to remove key barriers that prevent coastal communities from protecting and managing their ocean spaces.

To know more about this, click [here](#)

3) Consider the following statements regarding Hypersonic Missiles

1. Hypersonic missiles travel at or above Mach 5, five times the speed of sound.
2. A scramjet engine is a Supersonic Combusting Ramjet used in hypersonic propulsion.

Which of the statements given above is/are correct?

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

Answer : c

## Hypersonic missiles



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- They travel at or above Mach 5 (five times the speed of sound).
- Their key differentiating feature from ballistic missiles is their manoeuvrability during flight.
- Unlike ballistic missiles that follow a predictable trajectory, hypersonic missiles can adjust their course to reach the target.
- A scramjet engine is a Supersonic Combusting Ramjet used in hypersonic propulsion.

To know more about this, click [here](#)

4) Consider the following statements regarding global coral bleaching events

1. The 1<sup>st</sup> global coral bleaching event occurred in 1998 caused significant coral mortality worldwide.
2. The world is now experiencing 3rd global coral bleaching event which is affecting 84% of global reefs.

Which of the statements given above is/are correct?

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

Answer : a

## Global bleaching events

- It is the widespread mass bleaching of Coral reefs that affects coral reefs area globally.
  - **1<sup>st</sup> global coral bleaching event (1998)** - 21%
  - **2<sup>nd</sup> global coral bleaching event (2010)** - 37%
  - **3<sup>rd</sup> global coral bleaching event (2014-2017)** - 68%
  - **4<sup>th</sup> global coral bleaching event (2023-2025)** - 83.7%

To know more about this, click [here](#)

5) Consider the following statements regarding Spaghetti bowl effect

1. It is a phenomenon where the increasing number of Free Trade Agreements (FTAs) between countries slows down trade relations between them.
2. The spaghetti bowl effect occurs when all FTA members adopt a common external tariff.

Which of the statements given above is/are correct?

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

Answer : a



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## Spaghetti bowl effect

- It is an interesting phenomenon in trade economics where the increasing number of Free Trade Agreements (FTAs) between countries slows down trade relations between them.
- **FTA** - In free trade agreements, members agree on a lowered internal tariff to be applied between them, while at the same time each member can have its own external tariff levied on imports from non-member countries.
- **Country of Origin (CoO)** - This introduces the concept of 'country of origin' of the traded product to distinguish products of one country from the other.

To know more about this, click [here](#)