

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

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- 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 <u>human activities are</u> <u>regulated</u> 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 <u>here</u>

3) Consider the following statements regarding Hypersonic Missiles

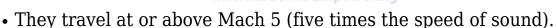
- 1. Hypersonic missiles travel at or above Mach 5, five times the speed of sound.
- 2. A scramjet engine is a Supersonic Combusting Ramjet used in hypersonic propulsion.

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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• Their key differentiating feature from ballistic missiles is their manoeuvrability during flight.

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- 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 <u>here</u>

4) Consider the following statements regarding global coral bleaching events

- 1. The 1^{st} 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.
 - $\circ~1^{\rm st}$ global coral bleaching event (1998) 21%
 - 2nd global coral bleaching event (2010) 37%
 - \circ $\mathbf{3^{rd}}$ global coral bleaching event (2014-2017) 68%
 - $\circ~{\bf 4^{th}}$ global coral bleaching event (2023-2025) 83.7%

To know more about this, click <u>here</u>

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

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 <u>here</u>

