



Prelims Practice Questions 18-09-2019

1) Consider the following statements with respect to *Astra Missile*

1. It is an indigenous Beyond Visual Range Air-to-Air missile with a range of over 70 kms.
2. It has been developed by Defence Research and Development Organisation (DRDO).

Which of the statement(s) given above is/are correct?

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

Answer : c

- Astra is an **indigenous** Beyond Visual Range **Air-to-Air** missile with a range of over **70 km**.
- The missile can fly towards its target at a speed of over 5,555 kilometres per hour.
- It has a 15-kilogramme high-explosive pre-fragmented warhead.
- The Astra missile has been developed by **Defence Research and Development Organisation** along with 50 other public and private organisations, involved at various stages of its development.

2) *Tylophora balakrishnanii*, *Tylophora neglecta* are the two new species discovered recently in?

- a. Western Ghats
- b. Eastern Himalayas
- c. Western Himalayas
- d. Eastern Ghats

Answer : a

- A team of researchers have reported the discovery of two new plant species.
- *Tylophora balakrishnanii*, *Tylophora neglecta* in **Western Ghats**.

3) *Summary of the Asia-Pacific Disaster Report 2019* was published by?

- a. World Economic Forum
- b. UN Disaster Relief Organization
- c. Association for disaster preparedness in Asia Pacific Region
- d. UN Economic and Social Commission for Asia and the Pacific

Answer : d

4) *Lithium Triangle* comprises which of the following countries?

1. Argentina
2. Bolivia
3. Chile
4. Brazil

5. Paraguay

Select the correct answer using the codes given below:

- a. 1, 2 and 3
- b. 1, 4 and 5
- c. 2, 3 and 4
- d. 3, 4 and 5

Answer : a

- **Argentina** is a mineral-rich country, like its neighbours **Chile** and **Bolivia**, and the three countries are sometimes referred to as ABC of lithium, or '**lithium triangle**'.

5) Consider the following pairs

Places in News - Country

- 1. Salinas Grandes Desert - Argentina
- 2. Rhode Island - USA

Which of the pair(s) given above is/are *incorrectly* matched?

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

Answer : d

- 1. Salinas Grandes Desert - Argentina
- 2. Rhode Island - USA

6) Consider the following statements with respect to *Floor Space Index (FSI)*

- 1. It is the minimum area that can be constructed on a plot of land.
- 2. It is regulated by the Ministry of Urban and Housing Affairs.

Which of the statement(s) given above is/are correct?

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

Answer : d

- '**Floor Space Index**', also known as 'Floor Area Ratio' (FAR), is the **maximum area** that can be constructed on a plot of land.
- It is the ratio of total floor area of a building (Built up area) to the total Plot area (land).
- It is regulated by the **municipal or local authorities of the respective State government**.
- FSI norms are usually set based on the **National Building Code**.

7) *Akademik Lomonosov* sometimes seen in the news recently is a/an?

- a. Ridge located in Pacific Ocean
- b. Floating Nuclear Power Plant
- c. Nuclear missile launched by Russia
- d. Mission to map methane hydrates in Ocean

Answer : b

- “Akademik Lomonosov”, the first **floating nuclear plant** to be built in the world completed its 5000-km journey.
- It causes an excitement in the energy sector, but sparking fears among environmentalists over the safety of the Arctic region.
- The floating plant contains two nuclear reactors of 35 MW each.
- It is a small plant compared to conventional land-based nuclear projects.
- The plant will supply electricity to the Chukotka region, where important Russian national assets such as oil, gold, and coal reserves are located.
- Environmental groups such as Greenpeace Russia have criticised the project as a “**Chernobyl on Ice**” and a “**Nuclear Titanic**”.

8) Consider the following statements with respect to *Rustom*

1. It is a High Altitude Long Endurance UAV.
2. It is being developed by DRDO.

Which of the statement(s) given above is/are correct?

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

Answer : b

- Rustom is a **Medium** Altitude Long Endurance UAV.
- It is being developed by DRDO for Indian Army, Indian Navy and Indian Air Force.
- Rustom is derived from National Aerospace Laboratory’s (NAL) LCRA (Light Canard Research Aircraft) developed by a team under leadership of late Prof Rustom Damania in 1980s.

9) The chemical which is most commonly used for *fruit ripening* is?

- a. Auxin
- b. Cytokinin
- c. Ethephon
- d. Gibberlin

Answer : c

10) *Global Nutrition Report* was published annually by?

- a. World Bank
- b. World Health Organisation
- c. International Food Policy Research Institute
- d. Food and Agricultural Organisation

Answer : b