



## Prelims Practice Questions 12-12-2018

1) Consider the following statements with respect to “ENSURE” portal

1. It aims to connect with direct benefit transfer (DBT) and provide simple, useful and transparent system to the beneficiary.
2. It was developed by National Bank for Agriculture and Rural Development (NABARD).

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

- The Agriculture Ministry has recently launched an online portal ‘**ENSURE**’ to connect with **direct benefit transfer and provide simple, useful and transparent system to the beneficiary**.
- The portal **ENSURE- National Livestock Mission-EDEG** was developed by **NABARD** and operated under the Department of Animal Husbandry, Dairying & Fisheries.

2) Consider the following statements with respect to “Voyager-2” Probe

1. It was launched by National Aeronautics and Space Administration (NASA) in 1977.
2. It was the first human-made object which leaves our Solar System.

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 : a

- **NASA's Voyager 2** launched in 1977 has become the **second human-made object** in history **to reach the edge of our solar system**.
- Its twin, **Voyager 1, crossed this boundary in 2012**, but Voyager 2 carries a working instrument that will provide first-of-its-kind observations of the nature of this gateway into interstellar space.

3) Consider the following statements with respect to Agni-V

1. It is an Inter-Continental Ballistic Missile (ICBM) with a range of over 5,000 km and can reach most parts of China.
2. It is powered by three stage solid and liquid propellant engine.
3. It is a part of Integrated Guided Missile Development Program (IGMDP).

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

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

Answer : b

- Recently, Agni - V was successfully test fired from a canister on a road mobile launcher from Dr. Abdul Kalam Island, off the coast of Odisha.
- It is India's longest-range ballistic missile which will be inducted into the nuclear arsenal soon.
- It is an Inter-Continental Ballistic Missile (ICBM) with a range of over 5,000 km and can reach most parts of China.
- It is powered by three stage **solid fuelled missiles**. It can carry a payload of 1.5 tonnes.
- It is a part of Integrated Guided Missile Development Program (IGMDP).

4) Consider the following statements with respect to Exercise INDRA 2018

1. It is an annual bilateral maritime exercise held between India and Russia.
2. This edition of the exercise would be held in Visakhapatnam and Bay of Bengal.

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

- Exercise INDRA NAVY, an **annual bilateral maritime exercise between Indian Navy and Russian Navy**.
- The 10th edition of exercise INDRA NAVY will be conducted at/off **Visakhapatnam and Bay of Bengal**.
- The primary aim of the exercise is to increase inter-operability amongst the two navies, develop common understanding and procedures for maritime security operations.
- Initiated in 2003, INDRA NAVY exercise has matured over the years with increase in scope, complexity and level of participation.

5) Consider the following statements with respect to Eco Sensitive Zones (ESZ)

1. They act as a transition zone from areas of high protection to areas involving lesser protection.
2. The width of eco-sensitive zone and type of regulation vary from one area to another.
3. The Environment Protection Act, 1986 does not mention the word "Eco-sensitive Zones".

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

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

Answer : d

- The Environment Protection Act, 1986 **does not mention the word "Eco-sensitive Zones"**.
- The purpose of declaring eco-sensitive zones around protected areas is for creating some kind of 'Shock Absorber' to the protected area.
- They would also act as a **transition zone** from areas of high protection to areas involving lesser protection.
- The width of eco-sensitive zone and type of regulation **vary from one area to another**.

- However, as a general principle width of eco-sensitive zone could go up to 10 kms around a protected area.
- In case of places with sensitive corridors, connectivity and ecologically important patches, crucial for landscape linkage, even area beyond 10 kms width can also be included in the eco-sensitive zone.

6) Consider the following pairs

1. Heliosheath - a place where the solar wind slows down and begins to interact with the interstellar medium
2. Heliopause - Outermost edge of the Heliosphere
3. Heliosphere - a protective bubble of particles and magnetic fields produced by the Earth

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

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

Answer : b

- The **sun (Not Earth)** sends out a constant flow of charged particles called the solar wind, which ultimately travels past all the planets to some three times the distance to Pluto before being impeded by the interstellar medium.
- This forms a giant bubble around the sun and its planets, known as the **heliosphere**.
- The place where the solar wind slows down and begins to interact with the interstellar medium is called the **heliosheath**.
- The heliosheath has a few parts: the termination shock (the innermost part of the boundary), the **heliopause (the outermost part of the boundary)**.

7) Consider the following statements with respect to Partner's Forum 2018

1. It is an international conference organised to accelerate the efforts taken to improve the environmental health and to reduce the greenhouse gas emissions.
2. This is the second time India is hosting the Partners' Forum.

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

- The Prime Minister, Shri Narendra Modi, will inaugurate the fourth Partners' Forum at New Delhi.
- The Government of India, in association with the Partnership for Maternal, Newborn and Child Health (PMNCH), is hosting a two-day international conference **to improve the health and well-being of women, children and adolescents**.
- The previous conferences were held in Johannesburg, South Africa (2014), New Delhi, India (2010) and Dar es Salaam, Tanzania (2007).
- This is the **second time** India is hosting the Partners' Forum.

8) 'PCS1x' is sometimes seen in the news recently. It is a/an

- a. Permanent Change of Station services launched by the Ministry of Defence
- b. Accurate Cyclone Predicting Systems launched by the Indian Meteorological Department (IMD)

- c. Port Community System launched by the Indian Ports Association (IPA)
- d. People's Communication Services system launched by the Andhra Pradesh Government

Answer : c

- **Indian Ports Association (IPA)**, under the guidance of Ministry of Shipping launched the Port Community System '**PCS1x**'.
- It is a cloud-based technology that offers services like notification, work-flow and track and trace.
- The platform has the potential to revolutionize maritime trade in India and bring it at par with global best practices and pave the way **to improve the Ease of Doing Business world ranking and Logistics Performance Index (LPI) ranks**.

9) Consider the following statements with respect to Kala Utsav

1. It is a national competition, launched in 2015 to promote arts in education.
2. It is an initiative of the Ministry of Human Resource Development (MHRD).

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

- "Kala Utsav" (Festival of Arts) **National Competition** was launched in 2015.
- It is an initiative of the Department of School Education and Literacy of the **Ministry of Human Resource Development**.
- Kala Utsav National Competition was launched in 2015 with a view **to promote arts in education** by nurturing and showcasing the artistic talents of school students, children with special needs too will have the opportunity to display their talents.

10) Consider the following pairs

1. Melghat Tiger Reserve - Maharashtra
2. Tadoba-Andhari Tiger Reserve - Madhya Pradesh
3. Bandhavgarh - Maharashtra

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

- a. 1 only
- b. 1 and 3 only
- c. 2 and 3 only
- d. All of the above

Answer : c

- Melghat Tiger Reserve - Maharashtra
- **Tadoba-Andhari Tiger Reserve - Maharashtra**
- **Bandhavgarh - Madhya Pradesh**