

(SOLUTION) Online Prelims TEST - 13 (SUBJECT WISE)

75 Correct Answer : D

Answer Justification :

The Faith for Earth Initiative intends to bridge the gap between scientists and faith communities, ensuring that faith leaders have access to up-to-date information on the environment that they can communicate to their adherents. It was launched in 2017 by UNEP. **Hence, option (d) is correct.**

It aims to create a high level global “Coalition for Creation” is established to facilitate policy dialogue on environmental issues that would encourage innovative approaches to finding longlasting solutions to environmental challenges.

76 Correct Answer : D

Answer Justification :

National Aeronautics and Space Administration (NASA) has launched a satellite **ICON** to detect dynamic zones of Earth’s Ionosphere. The satellite Ionosphere Connection Explorer (**ICON**) was launched from an aircraft over the Atlantic Ocean near the Florida coast.

- The **ICON** satellite will study the Earth’s Ionosphere. It includes various layers of the uppermost atmosphere where free electrons flow freely. **Hence, statement 1 is correct.**
- The **ICON** mission is the 39th successful launch and satellite deployment by Pegasus rocket. **Hence, statement 2 is correct.**
- This mission is operated by the University of California. **Hence, statement 3 is correct.**
- It was originally planned to launch in late 2017 but delayed due to the problems with the Pegasus XL rocket.
- It is equipped with 780-watt solar arrays to power the instruments.

77 Correct Answer : D

Answer Justification :

The Union Minister of Earth Sciences has recently launched the Gagan Enabled Mariner’s Instrument for Navigation and Information (**GEMINI**) device. **Hence, statement 1 is correct**

The device is developed for effective dissemination of emergency information and communication on Ocean States Forecast and mapping of Potential Fishing Zones (**PFZ**) to fishermen.

GEMINI is a portable receiver that is linked to **ISRO**-satellites. With this device, the fishermen outside the signal range of their phone companies (i.e. 10-12 km) can also access warnings and alerts, as the device can send signals up to 300 nautical miles. **Hence, statement 2 is correct.**

It will facilitate satellite-based communication that will be highly useful while dealing with cyclones, high waves, and tsunamis. **Hence, statement 3 is correct.**

78 Correct Answer : D

Answer Justification :

Recently, the Union Human Resource Development Minister has launched the Pradhan Mantri Innovative Learning Programme named ‘**DHRUV**’. **Hence, option (d) is correct.**

The objective of the Pradhan Mantri Innovative Learning Programme is to encourage talented students to realize their full potential and henceforth, contribute to society.

The programme is named **DHRUV** after the Pole Star with the same name. Every student selected under this programme will be called as ‘**Dhruv Tara**’. The students will thus both shine through their achievements and light a path for others to follow.

79 Correct Answer : C

Answer Justification :

- The Archaeological Survey of India (**ASI**), under the Ministry of Culture, is the premier organization for the archaeological researches and protection of the cultural heritage of the nation. **Hence, statement 1 and 3 is incorrect**
- The prime objection of **ASI** is to maintain the archaeological sites, ancient monuments and remains of national importance. **Hence, statement 2 is correct**
- It also regulates Antiquities and Art Treasure Act, 1972.