



Global Marine initiative

(GS PAPER 3, SECURITY)

Source: The Hindu

Context:

The Blue Nature Alliance is a global partnership of five core partners and few other Non-Profit Organisations of the world. The prime partners are Conservation International, The Global Environment Facility, the Pew Charitable Trusts, Minderoo Foundation, and Rob and Melani Walton Foundation. The Blue Alliance was established on April 20, 2021.

Focus Areas of the Alliance-

The alliance aims to target seven ocean locations. They are as follows:

- Antarctica
- Seychelles
- Canada
- Palau
- Western Indian Ocean
- Fiji

Objective-



The world is covered by approximately 70% of oceans. Oceans are highly important for the survival of humans as they regulate weather, rainfall, and oxygen levels in the air. Currently, they are under great threat from pollution, climate change, and overfishing.

Air Independent Propulsion

GS PAPER-3, CLEAN TECHNOLOGY

Source: The Hindu

Context:

Recently The Defence Research Development Organisation has achieved a milestone in the development of Air Independent Propulsion system. The system was operated in endurance mode and max power mode. The operation was successfully performed

What is Air Independent Propulsion System?

The Air Independent Propulsion System has developed by the Naval Materials Research Laboratory (NMRL) of DRDO.

following are the key features of the Air Independent Propulsion system:

- The Air Propulsion System allows the submarines to stay for long hours in water.
- The submarines have to come to the surface of the water to charge their batteries.
- This is reduced by Air Propulsion System.
- It decreases the noise levels made by the submarines while travelling.
- It becomes hard to detect submarines.

- DRDO is developing the Air Propulsion Systems for diesel submarines.
- It is a fuel-cell based Air Propulsion System.
- This system uses a Phosphoric Acid Fuel Cell.

-Khyati Khare

World Earth Day

GS PAPER-3, DATES AND EVENTS

SOURCE- THE HINDU

Context:

World Earth Day is celebrated on April 22 every year. The first World Earth Day was celebrated in 1970.

World Earth Day 2021:

US President Joe Biden has invited leaders of forty top economies of the world including Indian Prime Minister Narendra Modi and Chinese President Xi Jing Ping to the Leader's Summit on Climate this year. The virtual meet is to be held on World Earth Day.

Theme:

Restore our Earth



Balance of Power

(GS PAPER- 2, Multi-Polar World)

Source- The Hindu)

What is the Balance of Power:

Balance of Power is a state of stability between competing forces. In international relations, It refers to equilibrium among nations or alliances to prevent any one entity from becoming too strong and thus gaining the ability to embrace its will upon the rest.

Technically Balance of Power is important because it is a system in which peace can be kept among a large number of states when there is no hegemon among them. The sides can constantly work to keep any one of them from getting too strong and coming to be able to threaten the others.

Current World Status:



Balance of Power in world politics has originated with the emergence of the Westphalian world order. Since the structure of international politics is anarchical, self-help is the only means to ensure survival. In its original sense Balance of Power is based on the concept of multipolarity. It can be achieved by internal and external balancing of self-help. In international relations, there is no permanent friend or enemy except national interest.

Balance of Power was a way for European countries to manage and establish peace in the continent.

World War 2 ended into bipolar world order with the emergence of two superpowers. The power of a superpower cannot be balanced by other nations. Therefore Scholars stated that the concept of Balance of Powers failed because it was to respect the sovereignty and a bipolar world.

Way Forward :

Now a new form of Balance of Power emerged between two super-power and the alternative of Balance of Power is established like collective security, collective defense where collective ownership of security should not be the concern of the state alone. One for all and all for one concept is applied.