

**Q: Consider the following pairs:**

1. Phawngpui (Blue Mountain) National Park – Mizoram.
2. Shiroi National Park – Assam.
3. Namdapha National Park – Nagaland.

How many of the above pairs are correctly matched?

- a) Only One
- b) Only two
- c) All three
- d) None

Ans: a

Explanation:

- Laokhowa-Burachapori Wildlife Sanctuary is located on the southern bank of the Brahmaputra River in Assam
- Phawngpui (Blue Mountain) National Park – Mizoram.
- Shiroi National Park – Manipur.
- Namdapha National Park – Arunachal Pradesh.

**Q: Consider the following pairs**

<b>GI Products</b>		<b>Tribes</b>
1. Kapdaganda shawl	–	Dongria Kondh tribe
2. Lanjia Saura Painting	–	Lanjia Saura community
3. Koraput Kala Jeera Rice	–	Meena tribe

How many of the statements given above is/are correct?

- a) Only one
- b) Only two
- c) All Three
- d) None of the above

Ans: b

Explanation:

- Kapdaganda shawl – It is woven and embroidered by the women of the Dongria Kondh tribe.
- Dongria Kondh tribe is a particularly vulnerable tribal group (PVTG) in the Niyamgiri hills in Odisha's Rayagada and Kalahandi districts.
- The Kapdaganda shawl reflects the rich tribal heritage of the Dongria Kondhs.
- The shawl is worn by both men and women and the Dongrias gift it to their family members as a token of love and affection.
- Lanjia Saura Painting – It is one of the oldest tribal art forms, is also known as Idital.
- The art form belongs to the Lanjia Saura community, a PVTG largely residing in the Rayagada district.
- The artworks are famous for their beauty, aesthetics, ritualistic association and iconography.
- Koraput Kala Jeera Rice – It is black-coloured rice variety which is also known as the 'Prince of Rice' and is famous for its aroma, taste, texture and nutritional value.

**Q: Consider the following statements with respect to Camptothecin (CPT)**

1. It is an anti-cancer drug that is majorly produced in the Southeast Asian region.
2. It is produced using *Nathapodytes nimmoniana*, a non-native invasive plant.

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

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

Ans: a

Explanation:

- Camptothecin (CPT) is an important anti-cancer drug lead molecule for high-value drugs like Topotecan and Irinotecan.
- It is a molecule procured from nature and then (in a) one-step derivative it is produced as drug.
- Camptothecin is majorly produced in Southeast Asian region, with the plant being largely found only in China and India.
- It is the 3rd most in-demand alkaloid which is commercially extracted in India.
- *Nathapodytes nimmoniana* – It is a medicinal plant that is a major source of the anticancer drug camptothecin (CPT).
- In India, the plant is a native of Western Ghats.
- It requires nearly 1,000 tonnes of plant material to extract 1 tonne of CPT.
- The International Union for Conservation of Nature has red-listed the plant as in the past decade alone there has been a 20% decline in the plant's population.

**Q: Consider the following statements with respect to PM- Ayushman Bharat Health Infrastructure Mission (PM-ABHIM):**

1. It is a Centrally Sponsored Scheme with some Central Sector Components.
2. The scheme focusses on developing capacities of health systems and institutions at all the primary, secondary and tertiary levels.
3. The scheme functions under the Ministry of Health and Family Welfare (MoHFW).

How many of the statements given above are correct?

- a) Only one
- b) Only two
- c) All Three
- d) None of the above

Ans: c

Explanation:

- The 'Atmanirbhar Swasth Bharat Yojana' (PMASBY) scheme was renamed as PM- Ayushman Bharat Health Infrastructure Mission (PM-ABHIM) and was announced on 1st February, 2021. It is a centrally sponsored scheme.
- The objective of the scheme is to fill critical gaps in health infrastructure, surveillance and health research.
- The scheme focusses on developing capacities of health systems and institutions across the continuum of care at all levels viz. primary, secondary and tertiary.
- PM-ABHIM is the largest pan-India scheme for strengthening healthcare infrastructure across the country which focuses on the primary, secondary and tertiary care services, since 2005.
- Ministry of Health and Family Welfare (MoHFW) is the nodal agency.

**Q: Consider the following statements with respect to Elasmobranchs:**

1. These are a subclass of cartilaginous fish that includes sharks, rays, skates and sawfish.
2. Shark Specialist Group (SSG) is an initiative of the International Union for Conservation of Nature (IUCN) for conservation of shark, ray and chimaera.
3. Kerala has the highest percentage of 'elasmobranch' (shark and ray) meat selling restaurants in India.

How many of the statements given above are correct?

- a) Only one
- b) Only two
- c) All Three
- d) None of the above

Ans: b

Explanation:

- Elasmobranchs are a subclass of cartilaginous fish that includes sharks, rays, skates and sawfish.

- Shark Specialist Group (SSG) – Was established by the Species Survival Commission (SSC) of the International Union for Conservation of Nature (IUCN) in 1991.
- It was established in response to growing awareness and concern of the severe impact of fisheries on shark, ray and chimaera populations around the world.
- India – Sharks and rays have been consumed for centuries by communities living on India's long coastline as well as tribal groups.
- Goa had the highest percentage of 'elasmobranch' (shark and ray) meat selling restaurants (35.8%), followed by Tamil Nadu (34.6%) and Maharashtra (4.6%).