

Q: Consider the following statement regarding Panchayat Development Index:

1. It is a multi-sectoral index that is intended to be used to assess the overall holistic development, performance & progress of panchayats.
2. Under this the Local Indicators Framework on nine themes of Localization of Sustainable Development Goals was prepared.
3. This Index ranks panchayats on the basis of scores, and categorises them into four grades.

Choose the correct option from the codes given below:

- a) 1 and 2
- b) 2 and 3
- c) 1 and 3
- d) 1, 2 and 3

Ans: a

Explanation:

- Panchayat Development Index is a multi-domain and multi-sectoral index that is intended to be used to assess the overall holistic development, performance & progress of panchayats.
- It takes into account various socio-economic indicators and parameters to gauge the well-being and development status of the local communities within the jurisdiction of a panchayat.
- It would play a significant role for performance evaluation and progress assessment in achieving the localization of Sustainable Development Goals in rural area.
- Under this the Local Indicators Framework on nine themes of Localization of Sustainable Development Goals was prepared.
- The nine themes taken into account are poverty free and enhanced livelihood in village, healthy village, child friendly village, water sufficient village, clean and green village, village with self-sufficient infrastructure, socially just and socially secured villages, village with good governance, and women friendly village.
- This Index ranks panchayats on the basis of scores, and categorises them into four grades.

Q: Consider the following statement regarding Lakadong turmeric:

1. It is darker in colour due to large use of fertilizers.
2. It is considered to be one of the world's best varieties of turmeric.
3. Garo Dakmanda, Larnai pottery and Garo Chubitchi were also awarded the GI tag from Meghalaya

Choose the correct option from the codes given below:

- a) 1 and 2
- b) 2 and 3
- c) 1 and 3
- d) 1, 2 and 3

Ans: b

Explanation:

- Lakadong turmeric is considered to be one of the world's best varieties of turmeric, with a curcumin content of around 6.8 to 7.5 per cent.
- It is darker in colour and is grown organically without the use of fertilisers.
- It is found in Lakadong area of Jaintia Hills, has high curcumin content.
- Other GI products from Meghalaya: Garo Dakmanda (traditional dress), Larnai pottery and Garo Chubitchi (alcoholic beverage) were also awarded the GI tag,

Q: Consider the following statement regarding Cyber Surakshit Bharat Initiative:

1. It is an initiative of the Ministry of Electronics and Information Technology (MeitY).
2. It is an initiative to fortify the cyber security system in India with regard to the Government's vision of a Digital India.

Choose the correct option from the codes given below:

- a) 1 Only

- b) 2 Only
- c) 1 and 2
- d) None of the above

Ans: c

Explanation:

- Cyber Surakshit Bharat Initiative is an initiative of the Ministry of Electronics and Information Technology (MeitY), Government of India.
- It was conceptualised with the mission to spread awareness about cybercrime and build the capacities of Chief Information Security Officers (CISOs) and frontline IT officials across all government departments.
- It is an initiative to fortify the cyber security system in India with regard to the Government's vision of a Digital India.
- It was launched in cooperation with the National e-Governance Division (NeGD) and various industry partners in India.
- It can be entitled as the first public-private enterprise of its kind.
- The partners involved in the origination of this scheme include chief IT companies like Intel, Microsoft, etc.

Q: Consider the following statement regarding Pompe disease:

1. It is a rare inherited disorder that affects one child per million.
2. Mutations in the GAA gene cause Pompe disease.
3. The GAA gene provides instructions for producing an enzyme called acid alpha-glucosidase.

Choose the correct option from the codes given below:

- a) 1 and 2
- b) 2 and 3
- c) 1 and 3
- d) 1, 2 and 3

Ans: d

Explanation:

- Pompe disease is a rare inherited disorder that affects one child per million.
- Mutations in the GAA gene cause Pompe disease.
- The GAA gene provides instructions for producing an enzyme called acid alpha-glucosidase (also known as acid maltase).
- This enzyme is active in lysosomes, which are structures that serve as recycling centres within cells.
- The enzyme normally breaks down glycogen into a simpler sugar called glucose, which is the main energy source for most cells.

Q: Consider the following statement regarding Painganga River:

1. It originates in the Ajantha ranges in Maharashtra.
2. It is a major tributary of the Wardha River.
3. The river does not get flooded in any season.

Choose the correct option from the codes given below:

- a) 1 and 2
- b) 2 and 3
- c) 1 and 3
- d) 1, 2 and 3

Ans: a

Explanation:

- The Painganga River (also known as the Penganga River) is the chief river of the Yavatmal district in Maharashtra and flows along the south-east boundaries of the district in a winding, meandering course.
- It originates in the Ajantha ranges in Aurangabad district in Maharashtra.

- It is a major tributary of the Wardha River, the other major river in the district. The Wardha River flows into the Wain Ganga River to form the Pranhita River, which finally joins the Godavari River.
- It is acutely deep-rooted and difficult to navigate.
- The total length of the river is 676 km.
- Include the Adan, Kas, Arunavati, Kayadhu, and Pus Rivers.
- The Penganga River gets flooded in the rainy and winter seasons and partially flooded in the summer.