

Q: Consider the following:

1. Phukot Karnali Hydro Electric Project: Karnali River
2. Pancheshwar Multipurpose Project: Mahakali River
3. Lower Arun Hydroelectric Project: Bhagmati River

Choose the correct option from the codes given below:

- a) Two pairs correct
- b) One pair correct
- c) Three pairs correct
- d) None of the above

Ans: a

Explanation:

- Phukot Karnali Hydro Electric Project is located in Kalikot district, Karnali Province of Nepal.
- The project will use the flow from the Karnali River for power generation and the generated power will be fed into integrated power system of Nepal.
- Other Hydropower project between India and Nepal:
 - ❖ Pancheshwar Multipurpose Project: on Mahakali River.
 - ❖ Lower Arun Hydroelectric Project: on Arun River (tributary of Koshi River)

Q: Consider the following statement regarding Mission Vatsalya Scheme:

1. It is a roadmap to achieve women empowerment only.
2. The Scheme is implemented as a Centrally Sponsored Scheme.
3. The Ministry of Women and Child Development is the nodal ministry.

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:

- Mission Vatsalya Scheme is a roadmap to achieve development and child protection priorities aligned with the Sustainable Development Goals (SDGs).
- It lays emphasis on child rights, advocacy and awareness along with strengthening of the juvenile justice care and protection system with the motto to 'leave no child behind'.
- The Juvenile Justice (Care and Protection of Children) Act, 2015 provisions and the Protection of Children from Sexual Offences Act, 2012 form the basic framework for implementation of the Mission.
- The Scheme is implemented as a Centrally Sponsored Scheme since 2021-22.
- The Ministry of Women and Child Development is the nodal ministry.

Q: Consider the following statement regarding GOBARdhan Scheme:

1. It was launched as a national priority project under the Swachh Bharat Mission Grameen.
2. The Department of Drinking Water and Sanitation, Ministry of Jal Shakti are the nodal ministry.

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:

- Galvanizing Organic Bio-Agro Resources Dhan (GOBARdhan Scheme), is a crucial umbrella initiative of the Government of India.
- The government launched the Gobardhan scheme in 2018 as a national priority project under the Swachh Bharat Mission Grameen-Phase II program.
- It aims to generate wealth and energy by converting cattle dung, agricultural residue, and other organic waste into Biogas, CBG and bio-fertilizers.
- It adopts a whole-of-government approach and aims to convert waste into wealth, thereby promoting a circular economy.
- The Department of Drinking Water and Sanitation, Ministry of Jal Shakti are the Nodal Ministry.

Q: Consider the following statement regarding Agni 1 ballistic missile:

1. It is a single-stage, solid-fuel missile.
2. Strategic Forces Command first deployed this missile in 2007.
3. It is capable of carrying a nuclear warhead.

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:

- Agni- 1 ballistic missile is a medium-Range Ballistic Missile having range 700–900 km.
- It is a single-stage, solid-fuel missile.
- It is capable of carrying a nuclear warhead with an estimated payload of 1,000 kg.
- The latest upgrade to the Agni-1 missile includes a new guidance system that makes it more accurate and a new warhead that increases its destructive power.
- It is road-mobile, which gives it a high degree of mobility and makes it difficult for an enemy to target.
- It was first test-fired in 2002.
- The Indian Army's Strategic Forces Command first deployed this missile in 2007.
- The Agni-I originated from India's 1983 Integrated Guided Missile Development Program (IGMDP).

Q: Consider the following statement regarding Cauvery River:

1. It flows in a south-easterly direction.
2. It extends over the states of Tamil Nadu, Karnataka, Kerala and the Union Territory of Puducherry.
3. Bhavani is the major left bank tributaries.

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:

- Mettur dam was constructed in a gorge where the Kaveri River enters the plains.
- Kaveri, also spelled Cauvery, is a sacred river of southern India. It is known as the Ganga of South India.
- It rises on Brahmagiri Hill of the Western Ghats in southwestern Karnataka state.
- It flows in a southeasterly direction for 765 km through the states of Karnataka and Tamil Nadu and descends the Eastern Ghats in a series of great falls.
- The Cauvery basin extends over the states of Tamil Nadu, Karnataka, Kerala and the Union Territory of Puducherry.
- The river drains into the Bay of Bengal at Poompuhar in the Mayiladuthurai district of Tamil Nadu.
- Major left bank tributaries: Harangi, the Hemavati, the Shimsha and the Arkavati.
- Major right bank tributaries: Lakshmantirtha, the Kabbani, the Suvarnavati, the Bhavani, the Noyil and the Amaravati