

Q: Consider the following statement:

1. Pakistan
2. Peru
3. Afghanistan

Which among the following above is the most dangerous glacial basin?

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

Ans: a

Explanation:

- The most dangerous of the 1,089 glacial basins analysed are found in Pakistan (Khyber Pakhtunkhwa basin), Peru (Santa basin) and Bolivia (Beni basin) containing 1.2 million, 0.9 million and 0.1 million people respectively who could be exposed to GLOF impacts.
- The glaciers across the Andes have undergone rapid deglaciation over the last 20 years in response to climate changes.
- This has led to the growth of many large glacial lakes and consequently a growth in overall GLOF lake conditions. The number of glacial lakes across the region increased by 93 per cent, compared to just 37 per cent in HMA across the period.

Q: "Sahi Fasal" and "Water Talk" comes under which among the following mission?

- a) Atal Bhujal Yojana
- b) National Water Mission
- c) Har Khet Ko Pani
- d) Jal Jeevan Mission

Ans: b

Explanation:

- National Water Mission has been launched with the objective of conservation of water, minimizing wastage and ensuring its more equitable distribution both across and within States through integrated water resources development and management.
- Under this mission, **a campaign namely "Sahi Fasal"** has also been initiated to nudge farmers to favour agricultural crops which consume less water and to use water more efficiently in agriculture, as a part of demand side management.
- Also, to promote dialogue and information sharing among participants on variety of water related topics, **a monthly seminar series - "Water Talk"** has been initiated with intended to create awareness, build capacities of stakeholders and to encourage people to become active participants in the conservation and saving of water.

Q: Consider the following statement:

1. Dust launched from the surface of the Moon could reduce enough solar radiation.
2. It could be a unique solution to prevent the planet from overheating.

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:

- As the world suffers from the impact of climate change, researchers have proposed a unique solution to prevent the planet from overheating.
- Dust launched from the surface of the Moon could **reduce enough solar radiation to mitigate the impacts of climate change.**
- Researchers have proposed adding that this dust could also be launched from a space station positioned between Earth and the Sun.

Q: Consider the following:

1. Banks
2. Bankers
3. Fintech company

DigiDhan Awards is given to which of the above category?

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

Ans: d

Explanation:

- DigiDhan Awards were presented to top-performing banks, bankers, and fintech companies in different categories for their outstanding performance in the digital payments space.
- The awards recognize the efforts of these organizations in promoting digital payments and contributing to the growth of the digital economy.

Q: Consider the following statement regarding Gediz Vallis:

1. It is an ancient valley that could harbour clues to the planet's watery past.
2. Wet landslides also occurred here.
3. It is a valley formed in Moon.

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:

- Scientists are also focusing on Gediz Vallis, an ancient valley that could harbour clues to the planet's watery past.
- Researchers said that while wind carved the valley, a channel running through it that starts higher up on Mount Sharp is thought to have been eroded by a small river.
- Scientists suspect wet landslides also occurred here, sending car-size boulders and debris to the bottom of the valley.
- The rover has been, since 2014, ascending the foothills of Mount Sharp, a 5-kilometer-tall mountain that was once laced with lakes and streams that would have provided a rich environment for microbial life if any ever formed on the Red Planet.