



GEOGRAPHY **(भूगोल)** **PART-2**

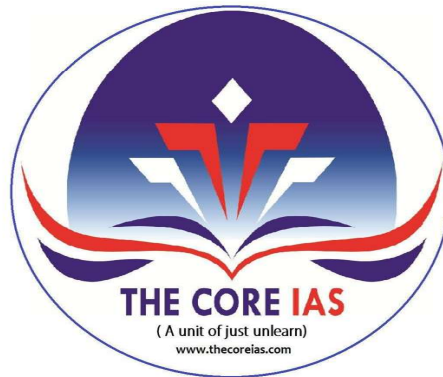
PRELIMS
2020



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GEOGRAPHY



SEISMIC NOISE



The relatively persistent vibration of the ground due to a multitude of causes.

AFGHANISTAN



Afghan president vows to “eliminate” safe havens for Islamic State group



Consider the following pairs Town sometime mentioned in

news: Country:

1. Aleppo: Syria
2. Kirkuk: Yemen
3. Mosul: Palestine
4. Mazar -i- Sharif: Afghanistan

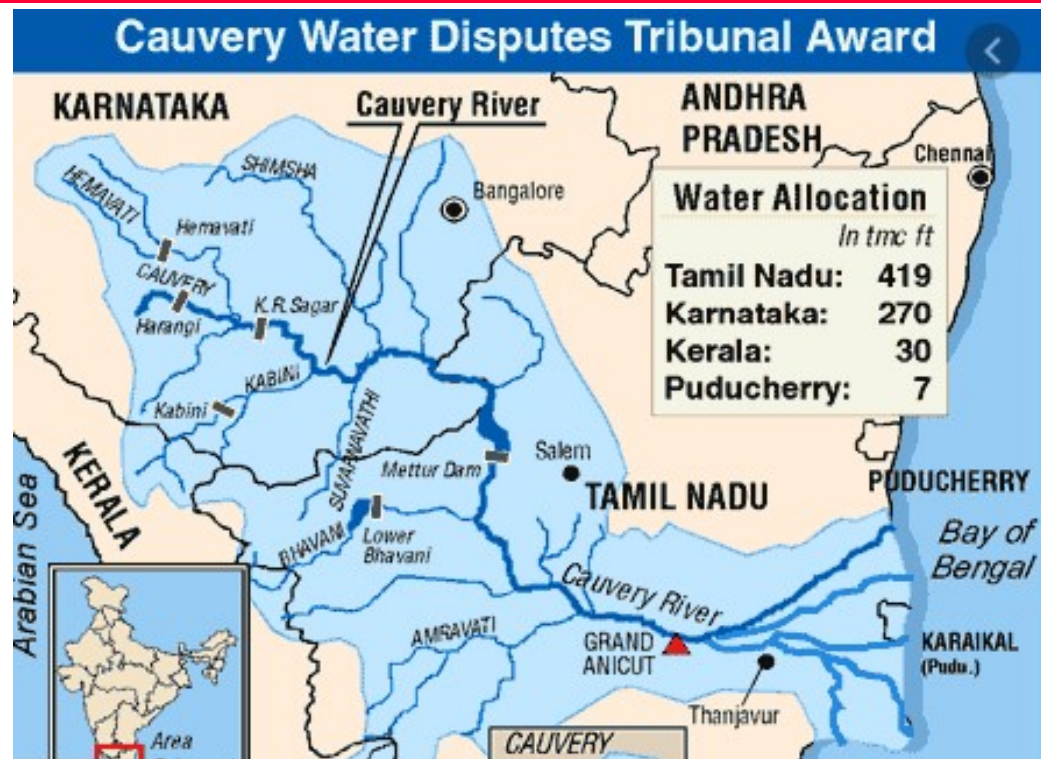
Which of the pairs given above are correctly matched?

- (a) 1 and 2 (b) 1 and 4
(c) 2 and 3 (d) 3 and 4

CAUVERI



The strict enforcement of the 21-day lockdown due to the coronavirus pandemic has turned out to be a boon for Cauvery and other rivers in the old Mysuru region as the prohibition of industrial and religious activities has helped reduce the pollution level in river waters.



Which one of the following rivers is NOT a tributary of river Cauvery ?

- (a) Hemavati
- (b) Arkavati
- (c) Indravati
- (d) Amravati



**Which river is praised in the fifth century Tamil epic,
Silappadikaram ?**

- (a) Cauvery
- (b) Godavari
- (c) Saraswati
- (d) Ganges



Which one of the following rivers thrice forks into two streams and reunites a few miles farther on, thus, forming the islands of Srirangapattanam, Sivasamudram and Srirangam? [1996]

- (a) Cauvery
- (b) Tungabhadra
- (c) Krishna
- (d) Godavari

Which one of the following statements is not correct ?

- (a) Mahanadi River rises in Chhattisgarh [2006]
- (b) Godavari River rises in Maharashtra
- (c) Cauvery River rises in Andhra Pradesh
- (d) Tapti River rises in Madhya Pradesh

GLOBAL ENVIRONMENT MONITORING SYSTEM FOR FRESHWATER



- provides the worldGEMS/Water logo community with sound data on fresh water quality
- established in 1978

MONITORING OF INDIAN NATIONAL AQUATIC RESOURCES (MINRAS)



- Started in 1984.
- Analysis- 28 parameters consisting of physico-chemical and bacteriological parameters.
- Trace metals (9) and pesticides (28) analyzed in selected samples.
- Biomonitoring is carried out on specific locations.

SOUTH CHINA SEA



- Spratly Islands, Paracel Islands, Pratas Islands, Natuna Islands and the Scarborough Reef.





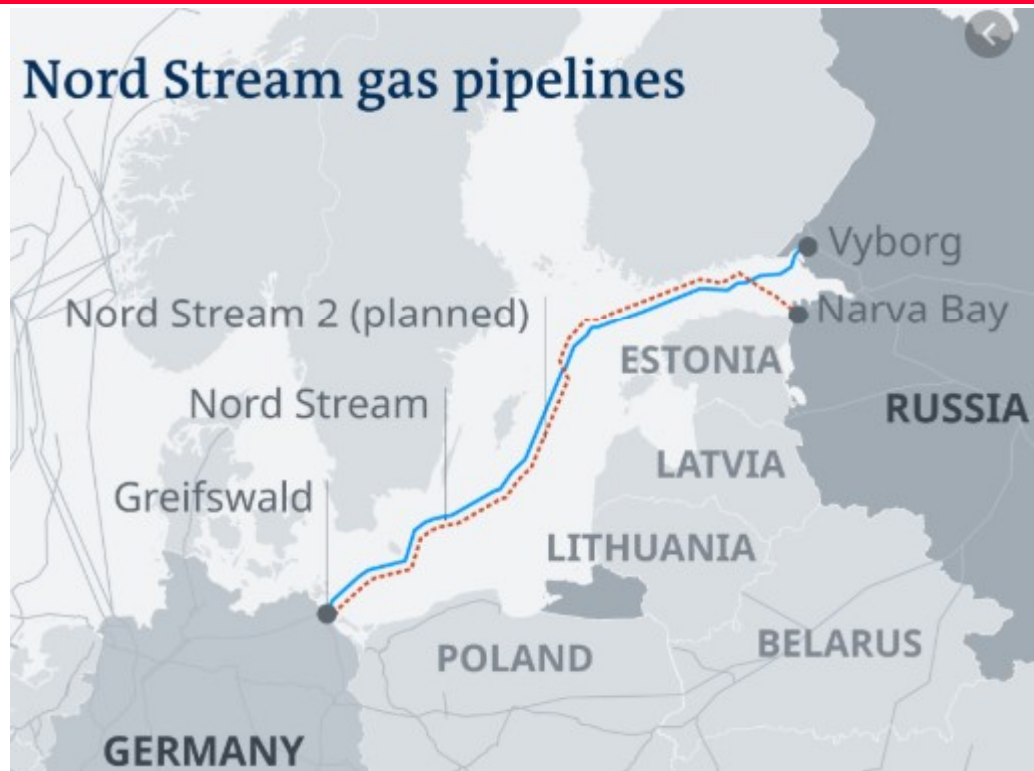
There is an emerging dispute in the South China Sea with China aggressively laying claim to the entire area including the islands by threatening other Southeast Asian claimants with coercive power. Which among the following is/are the best conflict resolution mechanism(s) in this situation?

1. The US Pacific Command should militarily counter chinese aggression.
2. The US should sign military pacts with other Southeast Asian nations against China.
3. The dispute should be resolved by utilizing the SEAN 2002 Declaration on the Conduct of , . Parties in the South China Sea in a peaceful manner.
4. The UN Security Council should declare China's aggressive posture as a threat to international peace and security and invoke UN Chapter VII.

Select the correct answer using the code given below

- (a) Only 1
- (b) Only 3
- (c) 2 and 3
- (d) 1 and 4

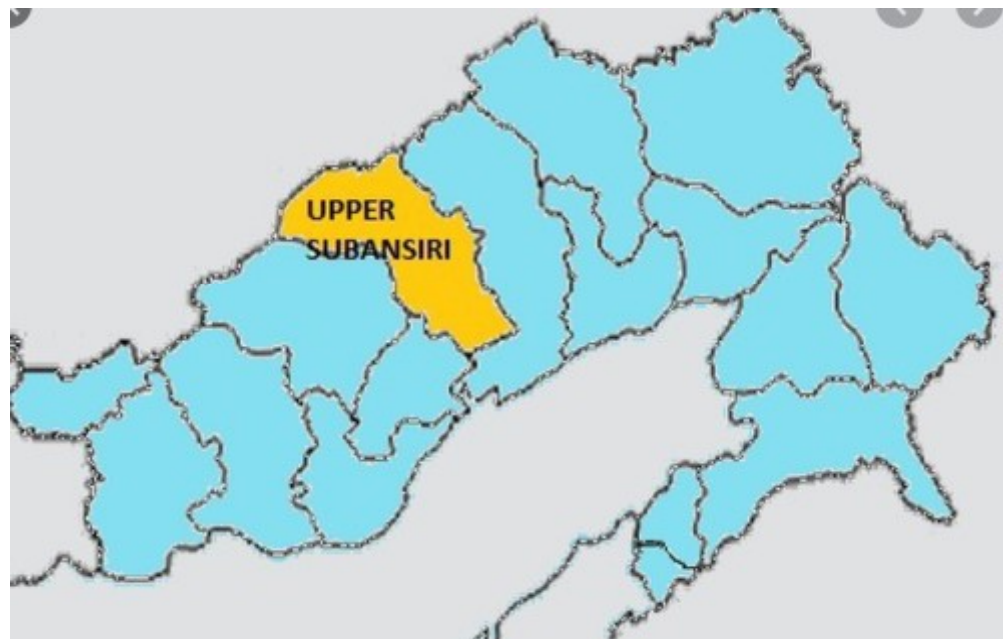
NORD STREAM 2



DAPORIJO BRIDGE



- On Subansiri river



SATURN



Even though the gas giants of our solar system Neptune, Uranus, Saturn, and Jupiter are far away from Sun, their atmosphere's upper layers are hot just like our Earth's. Their heat source has remained a mystery but a new study claims to have found a viable explanation for it.

SUPERMOON

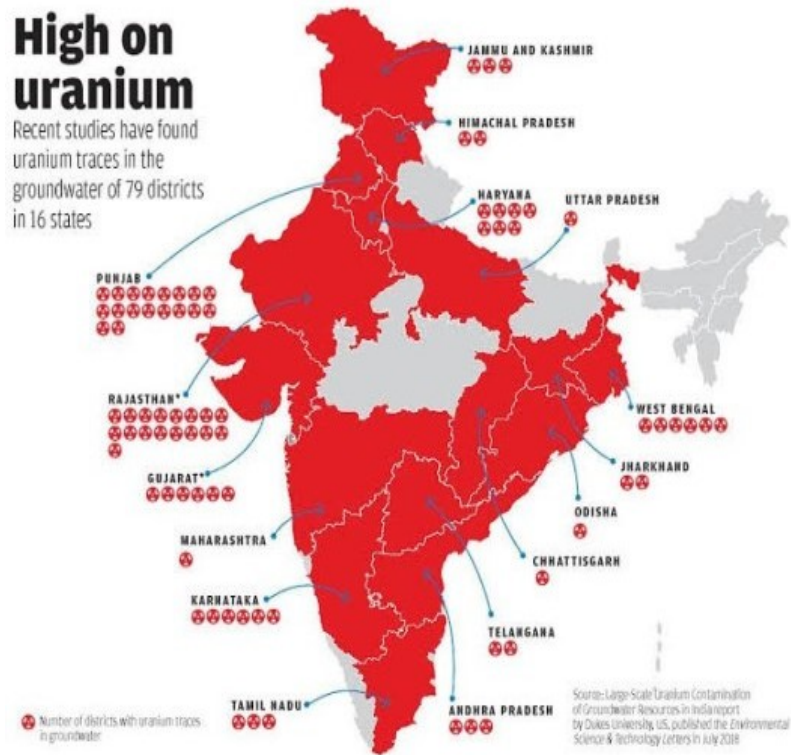


- A full moon or a new moon that nearly coincides with perigee
- only happen a few times a year
- Difference between a supermoon and a Blue Moon

URANIUM



- A new study conducted by the University of Manchester, UK and Mahavir Cancer Institute and Research Centre, Phulwarisharif in Patna has found uranium contaminating the groundwater in 10 districts of Bihar.





MAIN FACTORS

- Amount of uranium contained in an aquifer's rocks.
- Water-rock interactions that cause the uranium to be extracted from those rocks.
- Oxidation conditions that enhance the extracted uranium's solubility in water.
- The interaction of the extracted uranium with other chemicals in the groundwater, such as bicarbonate, which can further enhance its solubility.
- Human factors such as groundwater-table decline and nitrate pollution may be exacerbating the problem.



Which of the following can be found as pollutants in the drinking water in some parts of India? (2013)

1. Arsenic
2. Sorbitol
3. Fluoride
4. Formaldehyde
5. Uranium

Select the correct answer using the codes given below.

- (a) 1 and 3 only
- (b) 2, 4 and 5 only
- (c) 1, 3 and 5 only
- (d) 1, 2, 3, 4 and 5

YANOMAMI TRIBE





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Consider the following statements regarding the *Indian Ocean Dipole (IOD)*.

1. The Indian Ocean Dipole is a temperature anomaly in the ocean that can increase monsoon rain.
2. Extreme climate and weather events caused by the dipole are predicted to become more common in the future as greenhouse gas emissions increase.
3. The dipole's positive phase means warmer sea temperatures in the western Indian Ocean region, with the opposite in the east.

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

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

PRELIMS

2020

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