

GEOGRAPHY

Physical Geography

2015

1. Explain the factors responsible for the origin of ocean currents. How do they influence regional climates, fishing and navigation?
2. How far do you agree that the behavior of the Indian monsoon has been changing due to humanizing landscapes? Discuss.

2014

3. Most of the unusual climatic happenings are explained as an outcome of the El-Nino effect. Do you agree?
4. Why are the world's fold mountain systems located along the margins of continents? Bring out the association between the global distribution of fold mountains and the earthquakes and volcanoes.
5. Explain the formation of thousands of islands in Indonesian and Philippines archipelagos.
6. Tropical cyclones are largely confined to South China Sea, Bay of Bengal and Gulf of Mexico. Why?
7. Critically evaluate the various resources of the oceans which can be harnessed to meet the resource crisis in the world.

2013

8. What do you understand by the theory of 'continental drift'? Discuss the prominent evidences in its support.
9. The recent cyclone on east coast of India was called 'Phailin'. How are the tropical cyclones named across the world? Elaborate.
10. Bring out the causes for the formation of heat islands in the urban habitat of the world.
11. What do you understand by the phenomenon of 'temperature inversion' in meteorology? How does it affect weather and the habitants of the place?
12. Major hot deserts in northern hemisphere are located between 20-30 deg N latitudes and on the western side of the continents. Why?
13. Bring out the causes for more frequent occurrence of landslides in the Himalayas than in the Western Ghats.
14. There is no formation of deltas by rivers of the Western Ghats. Why?

Indian Geography

2015

1. Mumbai, Delhi and Kolkata are the three mega cities of the country but the air pollution is much more serious problem in Delhi as compared to the other two. Why is this so?

2. India is well endowed with fresh water resources. Critically examine why it still suffers from water scarcity.
3. The states of Jammu and Kashmir, Himachal Pradesh and Uttarakhand are reaching the limits of their ecological carrying capacity due to tourism. Critically evaluate.
4. Smart cities in India cannot sustain without smart villages. Discuss this statement in the backdrop of rural urban integration.

2014

5. Bring out the relationship between the shrinking Himalayan glaciers and the symptoms of climate change in the Indian sub-continent.

Resource Geography

2015

1. What are the economic significances of discovery of oil in Arctic Sea and its possible environmental consequences?'

2014

2. Whereas the British planters had developed tea gardens all along the Shivaliks and Lesser Himalayas from Assam to Himachal Pradesh, in effect they did not succeed beyond the Darjeeling area. Explain.
3. Why did the Green Revolution in India virtually by-pass the eastern region despite fertile soil and good availability of water?
4. Account for the change in the spatial pattern of the Iron and Steel industry in the world.
5. How does India see its place in the economic space of rising natural resource rich Africa?

2013

6.
 - (a) Do you agree that there is a growing trend of opening new sugar mills in southern States of India? Discuss with justification.
 - (b) Analyze the factors for the highly decentralized cotton textile industry in India.
7. With growing scarcity of fossil fuels, the atomic energy is gaining more and more significance in India. Discuss the availability of raw material required for "the generation of atomic energy in India and in the world.
8. It is said that India has substantial reserves of shale oil and gas, which can feed the needs of the country for quarter century. However, tapping of the resource does not appear to be high on the agenda. Discuss critically the availability and issues involved.

