

Geography Prelims PYQs (2020 TO 2024)

2024

1. The longest border between any two countries in the world is between:

- (a) Canada and the United States of America
- (b) Chile and Argentina
- (c) China and India
- (d) Kazakhstan and Russian Federation

2. Consider the following statements:

- 1. The Red Sea receives very little precipitation in any form.
- 2. No water enters the Red Sea from rivers.

Which of the statements given above is/are correct?

- (a) 1 only
- (b) 2 only
- (c) Both 1 and 2
- (d) Neither 1 nor 2

3. Consider the following statements:

Statement-I:

The atmosphere is heated more by incoming solar radiation than by terrestrial radiation.

Statement-II:

Carbon dioxide and other greenhouse gases in the atmosphere are good absorbers of long wave radiation.

Which one of the following is correct in respect of the above statements?

- (a) Both Statement-I and Statement-II are correct and Statement-II explains Statement-I
- (b) Both Statement-I and Statement-II are correct but Statement-II does not explain Statement-I
- (c) Statement-I is correct, but Statement-II is incorrect
- (d) Statement-I is incorrect, but Statement-II is correct

4. Consider the following statements:

Statement-I:

Thickness of the troposphere at the equator is much greater as compared to poles.

Statement-II:

At the equator, heat is transported to great heights by strong convectional currents.

Which one of the following is correct in respect of the above statements?

- (a) Both Statement-I and Statement-II are correct and Statement-II explains Statement-I
- (b) Both Statement-I and Statement-II are correct, but Statement-II does not explain

Statement-I

- (c) Statement-I is correct, but Statement-II is incorrect
(d) Statement-I is incorrect, but Statement-II is correct.

5. Consider the following :

- | | |
|-----------------------|----------------------|
| 1. Pyroclastic debris | 2. Ash and dust |
| 3. Nitrogen compounds | 4. Sulphur compounds |

How many of the above are products of volcanic eruptions?

- (a) Only one
(b) Only two
(c) Only three
(d) All four

6. Which of the following is/are correct inference/inferences from isothermal maps in the month of January?

The isotherms deviate to the north over the ocean and to the south over the continent.

The presence of cold ocean currents, Gulf Stream and North Atlantic Drift make the North Atlantic Ocean colder and the isotherms bend towards the north.

Select the answer using the code given below:

- (a) 1 only
(b) 2 only
(c) Both 1 and 2
(d) Neither 1 nor 2

7. Which of the following countries are well known as the two largest cocoa producers in the world?

- (a) Algeria and Morocco
(b) Botswana and Namibia
(c) Cote d'Ivoire and Ghana
(d) Madagascar and Mozambique

8. With reference to the Himalayan rivers joining the Ganga downstream of Prayagraj from West to East, which one of the following sequences is correct?

- (a) Ghaghara - Gomati - Gandak - Kosi
(b) Gomati - Ghaghara - Gandak - Kosi
(c) Ghaghara - Gomati - Kosi - Gandak
(d) Gomati - Ghaghara - Kosi - Gandak

9. Consider the following statements :

Statement-I:

Rainfall is one of the reasons for weathering of rocks.

Statement-II:

Rain water contains carbon dioxide in solution.

Statement-III:

Rain water contains atmospheric oxygen.

Which one of the following is correct in respect of the above statements?

- (a) Both Statement-II and Statement-III are correct and both of them explain Statement-I
(b) Both Statement-II and Statement-III are correct, but only one of them explains Statement-I
(c) Only one of the Statement II and III is correct and that explains Statement-I
(d) Neither Statement-II nor Statement-III is correct

10. Consider the following countries :

1. Finland 2. Germany 3. Norway 4. Russia

How many of the above countries have a border with the North Sea?

- (a) Only one (b) Only two
(c) Only three (d) All four

11. Consider the following information:

	Waterfall	Region	River
1.	Dhunandhar	Malwa	Narmada
2.	Hundru	Chota Nagpur	Subarnarekha
3.	Gersoppa	Western Ghats	Netravati

In how many of the above rows is the given information correctly matched?

- (a) Only one (b) Only two (c) All three (d) None

12. Consider the following information:

	Region	Name of the mountain range	Type of mountain
1.	Central Asia	Vosges	Fold mountain
2.	Europe	Alps	Block mountain
3.	North America	Appalachians	Fold mountain
4.	South America	Andes	Fold mountain

In how many of the above rows is the given information correctly matched?

- (a) Only one (b) Only two (c) Only three (d) All four

13. Consider the following:

1. Cashew 2. Papaya 3. Red sanders

How many of the above trees are actually native to India?

- (a) Only one (b) Only two (c) All three (d) None

14. With reference to “water vapour”, which of the following statements is/are correct?

1. It is a gas, the amount of which decreases with altitude.
2. Its percentage is maximum at the poles.

Select the answer using the code given below:

- (a) 1 only (b) 2 only
(c) Both 1 and 2 (d) Neither 1 nor 2

15. Consider the following description:

1. Annual and daily range of temperatures is low.
2. Precipitation occurs throughout the year.
3. Precipitation varies between 50 cm – 250 cm.

What is this type of climate?

- | | |
|-------------------------------|-------------------------------|
| (a) Equatorial climate | (b) China type climate |
| (c) Humid subtropical climate | (d) Marine West coast climate |

16. With reference to “Coriolis force”, which of the following statements is/are correct?

1. It increases with increase in wind velocity.
2. It is maximum at the poles and is absent at the equator.

Select the answer using the code given below:

- | | | | |
|------------|------------|------------------|---------------------|
| (a) 1 only | (b) 2 only | (c) Both 1 and 2 | (d) Neither 1 nor 2 |
|------------|------------|------------------|---------------------|

17. On June 21 every year, which of the following latitude(s) experience(s) a sunlight of more than 12 hours?

- | | |
|------------------------|---------------------|
| 1. Equator | 2. Tropic of Cancer |
| 3. Tropic of Capricorn | 4. Arctic Circle |

Select the correct answer using the code given below:

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

18. One of the following regions has the world’s largest tropical peatland, which holds about three years worth of global carbon emissions from fossil fuels; and the possible destruction of which can exert detrimental effect on the global climate. Which one of the following denotes that region?

- | | |
|-------------------|---------------------------|
| (a) Amazon Basin | (b) Congo Basin |
| (c) Kilkori Basin | (d) Rio de la Plata Basin |

19. Consider the following plants:

- | | | |
|--------------|---------------|------------|
| 1. Groundnut | 2. Horse-gram | 3. Soybean |
|--------------|---------------|------------|

How many of the above belong to the pea family?

- | | |
|---------------|--------------|
| (a) Only one | (b) Only two |
| (c) All three | (d) None |

20. The total fertility rate in an economy is defined as:

- (a) the number of children born per 1000 people in the population in a year.
- (b) the number of children born to a couple in their lifetime in a given population.
- (c) the birth rate minus death rate.
- (d) the average number of live births a woman would have by the end of her child-bearing age.

2023

1. Consider the following statements:

1. Jhelum River passes through Wular Lake.
2. Krishna River directly feeds Kolleru Lake.
3. Meandering of the Gandak River formed Kanwar Lake.

How many of the statements given above are correct?

- (a) Only one (b) Only two
(c) All three (d) None

2. Consider the following pairs:

	Port	Well known as
1.	Kamarajar Port	First major port in India registered as a company
2.	Mundra Port	Largest privately owned port in India
3.	Visakhapatnam	Largest container port in Port India

How many of the above pairs are correctly matched?

- (a) Only one pair (b) Only two pairs
(c) All three pairs (d) None of the pairs

3. Consider the following trees:

1. Jackfruit (*Artocarpus heterophyllus*)
2. Mahua (*Madhuca indica*)
3. Teak (*Tectona grandis*)

How many of the above are deciduous trees?

- (a) Only one (b) Only two
(c) All three (d) None

4. Consider the following statements:

1. India has more arable area than China.
2. The proportion of irrigated area is more in India as compared to China.
3. The average productivity per hectare in Indian agriculture is higher than that in China.

How many of the above statements are correct?

- (a) Only one (b) Only two
(c) All three (d) None

5. Which one of the following is the best example of repeated falls in sea level, giving rise to present-day extensive marshland?

- | | |
|----------------------------|--------------------------|
| (a) Bhitarkanika Mangroves | (b) Marakkanam Salt Pans |
| (c) Naupada Swamp | (d) Rann of Kutch |

6. Ilmenite and rutile, abundantly available in certain coastal tracts of India, are rich sources of which one of the following?

- | | |
|---------------|--------------|
| (a) Aluminium | (b) Copper |
| (c) Iron | (d) Titanium |

7. Consider the following statements:

1. Amarkantak Hills are at the confluence of Vindhya and the Sahyadri Ranges.
2. Biligirirangan Hills constitute the easternmost part of Satpura Range.
3. Seshachalam Hills constitute the southernmost part of Western Ghats.

How many of the statements given above are correct?

- | | |
|---------------|--------------|
| (a) Only one | (b) Only two |
| (c) All three | (d) None |

8. Consider the following statements:

Statement-I: The soil in tropical rain forests is rich in nutrients.

Statement-II: The high temperature and moisture of tropical rain forests cause dead organic matter in the soil to decompose quickly.

Which one of the following is correct in respect of the above statements?

- (a) Both Statement-I and Statement-II are correct and Statement-II is the correct explanation for Statement-I
- (b) Both Statement-I and Statement-II are correct and Statement-II is not the correct explanation for Statement-I
- (c) Statement-I is correct but Statement-II is incorrect
- (d) Statement-I is incorrect but Statement-II is correct

9. Consider the following statements:

Statement-I: The temperature contrast between continents and oceans is greater during summer than in winter.

Statement-II: The specific heat of water is more than that of land surface.

Which one of the following is correct in respect of the above statements?

- (a) Both Statement-I and Statement-II are correct and Statement-II is the correct explanation for Statement-I
- (b) Both Statement-I and Statement-II are correct and Statement-II is not the correct explanation for Statement-I
- (c) Statement-I is correct but Statement-II is incorrect
- (d) Statement-I is incorrect but Statement-II is correct

10. Consider the following statements:

1. In a seismograph, P waves are recorded earlier than S waves.
2. In P waves, the individual particles vibrate to and fro in the direction of wave propagation whereas in S waves, the particles vibrate up and down at right angles to the direction of wave propagation.

Which of the statements given above is/are correct?

- (a) 1 only (b) 2 only
(c) Both 1 and 2 (d) Neither 1 nor 2

11. With reference to coal-based thermal power plants in India, consider the following statements:

1. None of them uses seawater.
2. None of them is set up in water-stressed district.
3. None of them is privately owned.

How many of the above statements are correct?

- (a) Only one (b) Only two
(c) All three (d) None

12. With reference to the Earth's atmosphere, which one of the following statements is correct?

- (a) The total amount of insolation received at the equator is roughly about 10 times of that received at the poles.
- (b) Infrared rays constitute roughly two-thirds of insolation.
- (c) Infrared waves are largely absorbed by water vapour that is concentrated in the lower atmosphere.
- (d) Infrared waves are a part of the visible spectrum of electromagnetic waves of solar radiation.

13. Consider the following statements:

Statement-I: India, despite having uranium deposits, depends on coal for most its electricity production.

Statement-II: Uranium, enriched to the extent at least 60%, is required for the production of electricity.

Which one of the following is correct in respect of the above statements?

- (a) Both Statement-I and Statement-II are correct and Statement-II is the correct explanation for Statement-I
- (b) Both Statement-I and Statement-II are correct and Statement-II is not the correct explanation for Statement-I
- (c) Statement-I is correct but Statement-II is incorrect
- (d) Statement-I is incorrect but Statement-II is correct

5. Gandikota canyon of South India was created by which one of the following rivers?

- (a) Cauvery (b) Manjira
(c) Pennar (d) Tungabhadra

6. Consider the following pairs:

	Peak		Mountains
1.	Namcha Barwa	—	Garhwal Himalaya
2.	Nanda Devi	—	Kumaon Himalaya
3.	Nokrek	—	Sikkim Himalaya

Which of the pairs given above is/are correctly matched?

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

7. The term "Levant" often heard in the news roughly corresponds to which of the following regions?

- (a) Region along the eastern Mediterranean shores
(b) Region along North African shores stretching from Egypt to Morocco
(c) Region along Persian Gulf and Horn of Africa
(d) The entire coastal areas of Mediterranean Sea

8. Consider the following countries:

1. Azerbaijan 2. Kyrgyzstan
3. Tajikistan 4. Turkmenistan
5. Uzbekistan

Which of the above have borders with Afghanistan?

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

2021

1. The vegetation of Savannah consists of grassland with scattered small trees, but extensive areas have no trees. The forest development in such areas is generally kept in check by one or more or a combination of some conditions. Which of the following are such conditions?

1. Burrowing animals and termites
2. Fire
3. Grazing herbivores
4. Seasonal rainfall
5. Soil properties

Select the correct answer using the code given below.

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

2. With reference to the water on the planet Earth, consider the following statements:

1. The amount of water in the rivers and lakes is more than the amount of groundwater.
2. The amount of water in polar ice caps and glaciers is more than the amount of groundwater.

Which of the statements given above is/are correct?

- | | |
|------------------|---------------------|
| (a) 1 only | (b) 2 only |
| (c) Both 1 and 2 | (d) Neither 1 nor 2 |

3. Consider the following statements:

1. Moringa (drumstick tree) is a leguminous evergreen tree.
2. Tamarind tree is endemic to South Asia.
3. In India, most of the tamarind is collected as minor forest produce.
4. India exports tamarind and seeds of moringa.
5. Seeds of moringa and tamarind can be used in the production of biofuels.

Which of the statements given above are correct?

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

4. The black cotton soil of India has been formed due to the weathering of

- | | |
|------------------------|---------------------------|
| (a) brown forest soil | (b) fissure volcanic rock |
| (c) granite and schist | (d) shale and limestone |

5. How is permaculture farming different from conventional chemical farming?

1. Permaculture farming discourages monocultural practices but in conventional chemical farming, monoculture practices are pre-dominant.
2. Conventional chemical farming can cause increase in soil salinity but the occurrence of such phenomenon is not observed in permaculture farming.
3. Conventional chemical farming is easily possible in semi-arid regions but permaculture farming is not so easily possible in such regions.
4. Practice of mulching is very important in permaculture farming but not necessarily so in conventional chemical farming.

Select the correct answer using the code given below.

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

6. With reference to 'palm oil', consider the following statements:

1. The palm oil tree is native to Southeast Asia.
2. The palm oil is a raw material for some industries producing lipstick and perfumes.
3. The palm oil can be used to produce biodiesel.

Which of the statements given above are correct?

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

7. With reference to the Indus River system, of the following four rivers, three of them pour into one of them which joins the Indus direct. Among the following, which one is such river that joins the Indus direct?

- | | |
|------------|------------|
| (a) Chenab | (b) Jhelum |
| (c) Ravi | (d) Sutlej |

8. With reference to India, Didwana, Kuchaman, Sargol and Khatu are the names of

- | | |
|------------------|--------------------|
| (a) glaciers | (b) mangrove areas |
| (c) Ramsar sites | (d) saline lakes |

9. Consider the following rivers:

1. Brahmani
2. Nagavali
3. Subarnarekha
4. Vamsadhara

Which of the above rise from the Eastern Ghats?

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

10. Among the following, which one is the least water-efficient crop?

- | | |
|------------------|---------------|
| (a) Sugarcane | (b) Sunflower |
| (c) Pearl millet | (d) Red gram |

11. Consider the following statements:

1. In the tropical zone, the western sections of the oceans are warmer than the eastern sections owing to the influence of trade winds.
2. In the temperate zone, westerlies make the eastern sections of oceans warmer than the western sections.

Which of the statements given above is/are correct?

- | | |
|------------------|---------------------|
| (a) 1 only | (b) 2 only |
| (c) Both 1 and 2 | (d) Neither 1 nor 2 |

12. "Leaf litter decomposes faster than in any other biome and as a result the soil surface is often almost bare. Apart from trees, the vegetation is largely composed of plant forms that reach up into the canopy vicariously, by climbing the trees or growing as epiphytes, rooted on the upper branches of trees." This is the most likely description of

- (a) coniferous forest
- (b) dry deciduous forest
- (c) mangrove forest
- (d) tropical rain forest

2020

1. Consider the following minerals:

1. Bentonite
2. Chromite
3. Kyanite
4. Sillimanite

In India, which of the above is/are officially designated as major minerals?

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

2. With reference to Ocean Mean Temperature (OMT), which of the following statements is/are correct?

1. OMT is measured up to a depth of 26°C isotherm which is 129 meters in the south-western Indian Ocean during January-March.
2. OMT collected during January-March can be used in assessing whether the amount of rainfall in monsoon will be less or more than a certain long-term mean.

Select the correct answer using the code given below:

- (a) 1 only (b) 2 only
(c) Both 1 and 2 (d) Neither 1 nor 2

3. With reference to chemical fertilizers in India, consider the following statements:

1. At present, the retail price of chemical fertilizers is market-driven and not administered by the Government.
2. Ammonia, which is an input of urea, is produced from natural gas.
3. Sulphur, which is a raw material for phosphoric acid fertilizer, is a by-product of oil refineries.

Which of the statements given above is/are correct?

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

4. Siachen Glacier is situated to the

- (a) East of Aksai Chin (b) East of Leh
(c) North of Gilgit (d) North of Nubra Valley

5. Consider the following statements:

1. Jet streams occur in the Northern Hemisphere only.
2. Only some cyclones develop an eye.
3. The temperature inside the eye of a cyclone is nearly 10°C lesser than that of the surroundings.

Which of the statements given above is/are correct?

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

6. What is/are the advantage/advantages of zero tillage in agriculture?

1. Sowing of wheat without burning the residue of previous crop.
2. Without the need for nursery of rice saplings, direct planting of paddy seeds in the wet soil is possible.
3. Carbon sequestration in the soil is possible

Select the correct answer using the code given below:

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

7. According to India's National Policy on Biofuels, which of the following can be used as raw materials for the production of biofuels?

1. Cassava
2. Damaged wheat grains
3. Groundnut seeds
4. Horse gram
5. Rotten potatoes
6. Sugar beet

Select the correct answer using the code given below:

- | |
|-------------------------|
| (a) 1, 2, 5 and 6 only |
| (b) 1, 3, 4 and 6 only |
| (c) 2, 3, 4 and 5 only |
| (d) 1, 2, 3, 4, 5 and 6 |

8. With reference to pulse production in India, consider the following statements:

1. Black gram can be cultivated as both kharif and rabi crop.
2. Green-gram alone accounts for nearly half of pulse production.
3. In the last three decades, while the production of kharif pulses has increased, the production of rabi pulses has decreased.

Which of the statements given above is/are correct?

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

9. "The crop is subtropical in nature. A hard frost is injurious to it. It requires at least 210 frost-free days and 50 to 100 centimeters of rainfall for its growth. A light well-drained soil capable of retaining moisture is ideally suited for the cultivation of the crop." Which one of the following is that crop?

- | | |
|---------------|----------|
| (a) Cotton | (b) Jute |
| (c) Sugarcane | (d) Tea |

10. With reference to the current trends in the cultivation of sugarcane in India, consider the following statements:

1. A substantial saving in seed material is made when 'bud chip settlings' are raised in a nurse, and transplanted in the main field.

2. When direct planting of setts is done, the germination percentage is better with single-budded setts as compared to setts with many buds.
3. If bad weather conditions prevail when setts are directly planted, single-budded setts have better survival as compared to large setts.
4. Sugarcane can be cultivated using seedlings prepared from tissue culture.

Which of the statements given above is/are correct?

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

11. In the context of India, which of the following is/are considered to be practice(s) of eco-friendly agriculture?

1. Crop diversification
2. Legume intensification
3. Tensiometer use
4. Vertical farming

Select the correct answer using the code given below:

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

12. Consider the following pairs

	River	Flows into
1.	Mekong	Andaman Sea
2.	Thames	Irish Sea
3.	Volga	Caspian Sea
4.	Zambezi	Indian Ocean

Which of the pairs given above is/are correctly matched?

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

13. Steel slag can be the material for which of the following?

1. Construction of base road
2. Improvement of agricultural soil
3. Production of cement

Select the correct answer using the code given below:

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