VISHNU IAS
MODERN GURUKUL FOR CIVIL SERVICES
TGPSC G 1 | UPSC - CSE | APPSC G 1

# PRELIMS PYQS PROGRAM
# 2013 TO 2026
# DAY – 01: GEOGRAPHY
## QUESTION PAPER

**Total Questions: 30** **Maximum Marks: 60** **Time: 30 Minutes**

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**Instructions: Each question has four options, only one of which is correct. Choose the best answer. Each correct answer carries 2 marks.**

**1.Which of the following has/have shrunk immensely/dried up in the recent past due to human activities ?**

1.Aral Sea
2.Black Sea
3.Lake Baikal
Select the correct answer using the code given below :
(a) 1 only
(b) 2 and 3
(c) 2 only
(d) 1 and 3

**2.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

**3.Consider the following statements :**

Statement I :Scientific studies suggest that a shift is taking place in the Earth's rotation and axis.

Statement II :Solar flares and associated coronal mass ejections bombarded the Earth's outermost atmosphere with tremendous amount of energy.

Statement III :As the Earth's polar ice melts, the water tends to move towards the equator.

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 Statements II and III is correct and that explains Statement I
(d) Neither Statement II nor Statement III is correct

**4.Consider the following assertion:**

In the Pleistocene period either the Yamuna once flowed into the Indus, or the Sutlej flowed into the Yamuna and one major tributary of either had shifted from the Ganga to the Indus or vice versa.

Which of the following is/are the basis of the above assertion?

1.The Nadi-Sukta of the Rigveda
2.The explorations of the Sutlej and the Yamuna by Robert Bruce Foote
3.The presence of the same species of dolphins in both the Indus and the Ganga river systems
Select the answer using the code given below:
(a) 1 only
(b) 2 only
(c) 1 and 2
(d) 3

**5. Which of the following is/are unique characteristic/characteristics of equatorial forests?**

1.Presence of tall, closely set trees with crowns forming a continuous canopy
2.Coexistence of a large number of species
3.Presence of numerous varieties of epiphytes
Select the correct answer using the codes given below.
(a) 1 only
(b) 2 and 3 only

(c) 1 and 3 only
(d) 1, 2 and 3

**6. The annual range of temperature in the interior of the continents is high as compared to coastal areas. What is/are the reason/reasons?**

1.Thermal difference between land and water
2.Variation in altitude between continents and oceans
3.Presence of strong winds in the interior
4.Heavy rains in the interior as compared to coasts
Select the correct answer using the codes given below.
(a) 1 only
(b) 1 and 2 only
(c) 2 and 3 only
(d) 1, 2, 3 and 4

**7. "Climate is extreme, rainfall is scanty and the people used to be nomadic herders."**
The above statement best describes which of the following regions?
(a) African Savannah
(b) Central Asian Steppe
(c) North American Prairie
(d) Siberian Tundra

**8. During a thunderstorm, the thunder in the skies is produced by the**
1.meeting of cumulonimbus clouds in the sky
2.lightning that separates the nimbus clouds
3.violent upward movement of air and water particles
Select the correct answer using the codes given below.
(a) 1 only
(b) 2 and 3
(c) 1 and 3
(d) None of the above produces the thunder

**9. The seasonal reversal of winds is the typical characteristic of**
(a) Equatorial climate
(b) Mediterranean climate
(c) Monsoon climate
(d) All of the above climates

**10. In the South Atlantic and South-Eastern Pacific regions in tropical latitudes, cyclone does not originate. What is the reason?**
(a) Sea surface temperatures are low
(b) Inter-Tropical Convergence Zone seldom occurs
(c) Coriolis force is too weak
(d) Absence of land in those regions

**11. Consider the following statements :**
1.The winds which blow between 30° N and 60° S latitudes throughout the year are known as westerlies.
2.The moist air masses that cause winter rains in North-Western region of India are part of westerlies.
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. "Each day is more or less the same, the morning is clear and bright with a sea breeze; as the Sun climbs high in the sky, heat mounts up, dark clouds form, then rain comes with thunder and lightning. But rain is soon over."**
Which of the following regions is described in the above passage?
(a) Savannah
(b) Equatorial
(c) Monsoon
(d) Mediterranean

13. **With reference to 'Indian Ocean Dipole (IOD)' sometimes mentioned in the news while forecasting Indian monsoon, which of the following statements is/are correct ?**

1.IOD phenomenon is characterised by a difference in sea surface temperature between tropical Western Indian Ocean and tropical Eastern Pacific Ocean.

2.An IOD phenomenon can influence an El Nino's impact on the monsoon.

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

14. **On 21st June, the Sun**

(a) does not set below the horizon at the Arctic Circle
(b) does not set below the horizon at Antarctic Circle
(c) shines vertically overhead at noon on the Equator
(d) shines vertically overhead at the Tropic of Capricorn

15. **Why are dewdrops not formed on a cloudy night?**

(a) Clouds absorb the radiation released from the Earth's surface.
(b) Clouds reflect back the Earth's radiation.
(c) The Earth's surface would have low temperature on cloudy nights.
(d) Clouds deflect the blowing wind to ground level.

16. **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

17. **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

18. **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

**19. Consider the following statements :**

1.High clouds primarily reflect solar radiation and cool the surface of the Earth.

2.Low clouds have a high absorption of infrared radiation emanating from the Earth's surface and thus cause warming effect.

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

**20. 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 visible spectrum of electromagnetic waves of solar radiation.

**21. 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

**22. 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

**23. 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

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

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

2.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

**25. 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

**26. 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

**27. 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

**28. 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

**29. Consider the following statements :**

Statement I :

The amount of dust particles in the atmosphere is more in subtropical and temperate areas than in equatorial and polar regions.

Statement II :

Subtropical and temperate areas have less dry winds.

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 not correct
(d) Statement I is not correct but Statement II is correct

**30. Consider the following statements :**

Statement I :

In January, in the Northern Hemisphere, the isotherms bend equatorward while crossing the landmasses, and poleward while crossing the oceans.

Statement II :

In January, the air over the oceans is warmer than that over the landmasses in the Northern Hemisphere.

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 not correct

(d) Statement I is not correct but Statement II is correct

***** END OF QUESTION PAPER *****

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