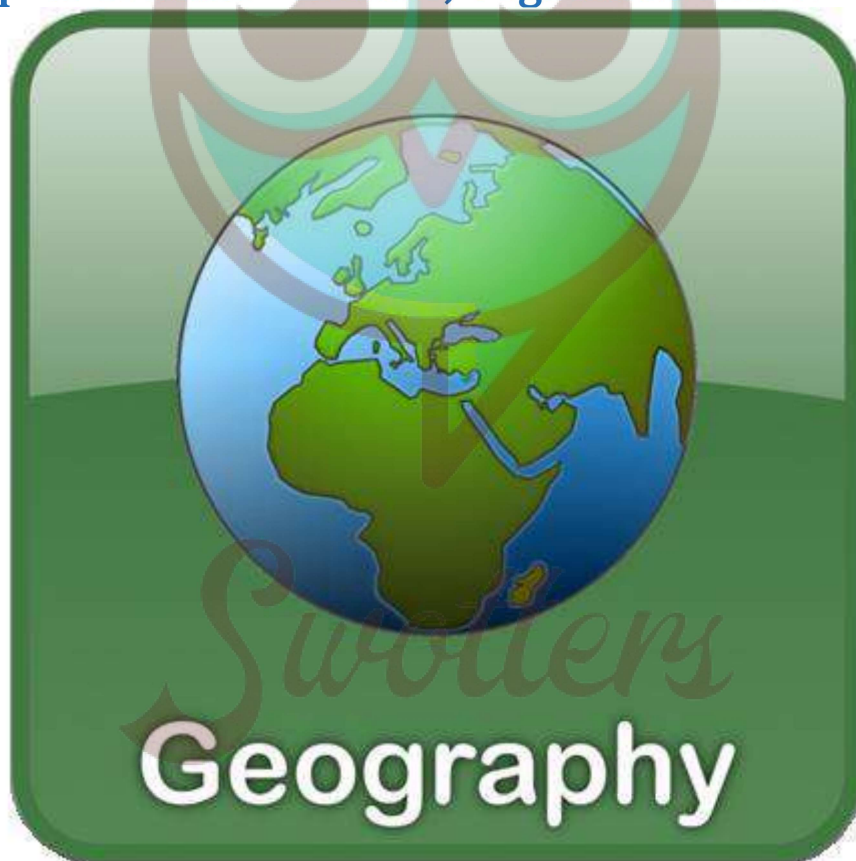


GEOGRAPHY

Chapter 8: India - Climate, Vegetation and Wildlife



Important Questions

➤ Multiple Choice Questions:

Question 1. The trees having conical shape are called:

- (a) Cactus
- (b) Thorny
- (c) Coniferous

Question 2. Peepal, Neem and Shisham are trees:

- (a) Tropical Deciduous Forests
- (b) Thorny Bushes
- (c) Mangrove

Question 3. Jaisalmer and Bikaner of Rajasthan are:

- (a) Hot
- (b) Very Hot
- (c) Moderate

Question 4. The word 'Barish' is the world of:

- (a) Hindi
- (b) Urdu
- (c) Sanskrit

Question 5. Season of Retreating Monsoon is also called:

- (a) Winter
- (b) Rainy
- (c) Autumn

Question 6. Our National animal is:

- (a) Lion
- (b) Tiger
- (c) Elephant

Question 7. Our National Bird is:

- (a) Sparrow
- (b) Parrots
- (c) Peacock



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Question 8. Siberian Cranes arrive in India in the month of:

- (a) December
- (b) January
- (c) February

Question 9. The roots of plants control:

- (a) Underground water
- (b) Fertility
- (c) Soil erosion

Question 10. Plants release:

- (a) Oxygen
- (b) Carbon dioxide
- (c) Nitrogen

Question 11. Which of the following is not among the seasons of India

- (a) Climate
- (b) Retreating monsoon
- (c) Winter
- (d) Rainy

Question 12. March to May is the season of

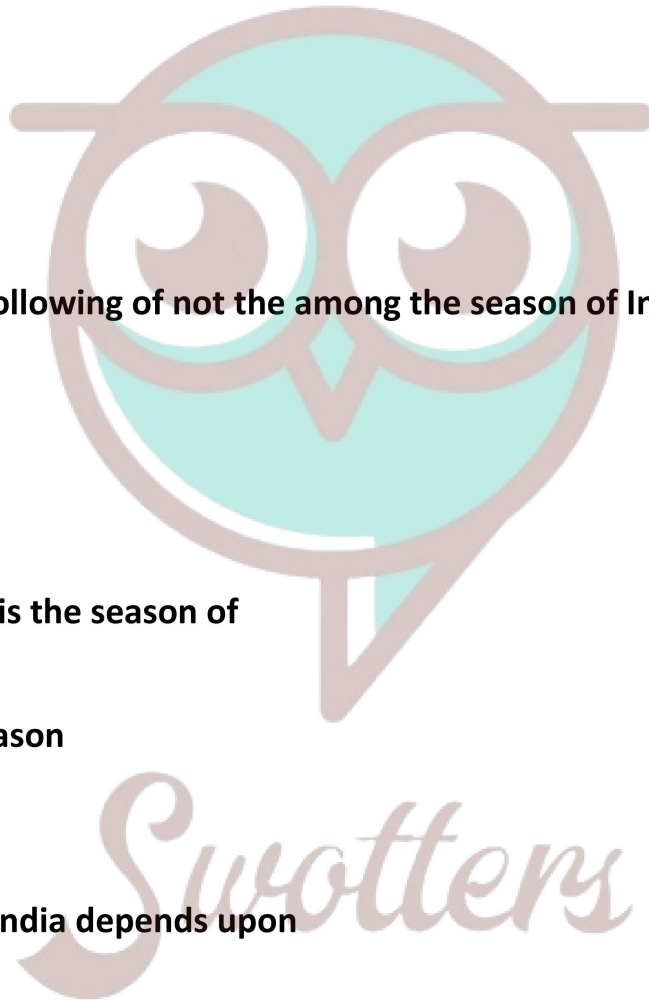
- (a) Monsoon
- (b) South-west Monsoon season
- (c) Hot weather Season
- (d) Cold weather season

Question 13. Agriculture in India depends upon

- (a) Drought
- (b) Snowfall
- (c) Rains
- (d) Flood

Question 14. Mangrove forests can thrive in

- (a) Sweet water
- (b) Polluted water
- (c) Fresh water



(d) Saline water

Question 15. Sunderban is located in

(a) Rajasthan

(b) West Bengal

(c) Gujarat

(d) Western Ghats

➤ **Fill in the blanks:**

1. Gir forest in Gujarat is the home of _____.
2. Elephants and one-horned rhinoceroses roam in the forests of _____.
3. The _____ is our national bird.
4. Cold Weather Season remains from _____ to _____.

➤ **Write true (T) or false (F):**

1. During the south west monsoon period, the moisture laden winds blow from sea to land.
2. Coastal places like Mumbai and Kolkata experience extreme climate.
3. The tiger is our national animal.
4. Tropical deciduous forest is found in dry areas of the country.

➤ **Very Short Questions:**

1. Write one adaptation of mountain vegetation.
2. What are called bushes?
3. Where does the world's highest rainfall occur?
4. Where can the mangrove forest survive?
5. Where wild goats and snow leopards are found?
6. Which forests are also known as monsoon forests?
7. What is loo?
8. Where mahogany and rosewood trees are found?
9. When do we like to eat or drink cold things?
10. When do we wear woollen clothes?

➤ **Short Questions:**

1. Name the different types of vegetation found in India.

2. What are coniferous trees? Give some examples.
3. What steps government has taken to conserve wildlife?
4. What do you mean by season of the retreating monsoons?
5. Write a note on thorny bushes.
6. Name the different seasons in India.

➤ **Long Questions:**

1. Why do we experience regional differences in the climate of India? Explain.
2. Write about wildlife of India.
3. What is the difference between evergreen forest and deciduous forest?
4. Explain the different types of seasons found in India.
5. Write a note on different types of vegetation found in India.

ANSWER KEY –

➤ **Multiple Choice Answer:**

1. (c) Coniferous
2. (a) Tropical Deciduous Forests
3. (b) Very Hot
4. (b) Urdu
5. (c) Autumn
6. (b) Tiger
7. (c) Peacock
8. (a) December
9. (c) Soil erosion
10. (a) Oxygen
11. (a) Climate
12. (c) Hot weather Season
13. (c) Rains
14. (d) Saline water
15. (b) West Bengal

➤ **Fill in the blanks:**

1. Asiatic lions

2. Assam
3. Peacock
4. December to February

➤ **Write true (T) or false (F):**

1. True
2. False
3. True
4. False

➤ **Very Short Answer:**

1. Trees in mountain region are conical in shape.
2. Small plants are called bushes.
3. The world's highest rainfall occurs in Mawsynram.
4. These forests can survive in saline water.
5. Wild goats and snow leopards are found in Himalayan region.
6. Tropical deciduous forests are also known as monsoon forests.
7. Hot and dry winds blow during the day in summer is called loo.
8. Mahogany and rosewood trees are found in tropical evergreen forests.
9. On hot day sunny day we like to eat or drink cold things.
10. We wear woollen clothes when we feel cold.

➤ **Short Answer:**

1. Vegetation of India can be divided into five types – Tropical evergreen forest, Tropical deciduous forest, Thorny bushes, Mountain vegetation and Mangrove forests.
2. At a height between 1500 metres and 2500 metres most of the trees are conical in shape. These trees are called coniferous trees. Chir, Pine and Deodar are important trees of these forests.
3. In order to protect them many national parks, sanctuaries and biosphere reserves have been set up. The Government has also started Project Tiger and Project Elephant to protect these animals.
4. Winds move back from the mainland to the Bay of Bengal. This is the season of the retreating monsoons. The southern parts of India, particularly Tamil Nadu and Andhra Pradesh receive rainfall in this season.
5. This type of vegetation is found in dry areas of the country. The leaves are in the form of

spines to reduce the loss of water. Cactus, khair, babool, keekar are important and are found in the states of Rajasthan, Punjab, Haryana, Eastern slopes of Western Ghats and Gujarat.

6. The major seasons in India are:

- Cold Weather Season (Winter) December to February.
- Hot Weather Season (Summer) March to May.
- Southwest Monsoon Season (Rainy) June to September.
- Season of Retreating Monsoon (Autumn) October and November.

➤ **Long Answer:**

1. The climate of a place is affected by its location, altitude, distance from the sea, and relief. Therefore, we experience regional differences in the climate of India. Jaisalmer and Bikaner in the desert of Rajasthan are very hot, while Drass and Kargil in Jammu and Kashmir are freezing cold. Coastal places like Mumbai and Kolkata experience moderate climate. Mawsynram in Meghalaya receives the world's highest rainfall, while in a particular year it might not rain at all in Jaisalmer in Rajasthan.
2. Forests are home to a variety of wild life. There are thousands of species of animals and a large variety of reptiles, amphibians, mammals, birds, insects and worms which dwell in the forest. Gir forest in Gujarat is the home of Asiatic lions. Elephants and one-horned rhinoceroses roam in the forests of Assam. Elephants are also found in Kerala and Karnataka. Camels and wild asses are found in the Great Indian desert and the Rann of Kuchchh respectively. Wild goats, snow leopards, bears, etc. are found in the Himalayan region. Besides these, many other animals are found in our country such as monkey, wolf, jackal, nilgai, cheetal, etc. India is equally rich in bird life. This includes birds are parrots, pigeons, mynah, geese, bulbul and ducks.
3. **Difference between evergreen forest and deciduous forest:**

Evergreen forest	Deciduous forest
Tropical Rain Forests occur in the areas which receive heavy rainfall.	In a large part of India we have this type of forest.
They always appear green and are called evergreen forest	These forests are also called monsoon forests.
They are so dense that sunlight doesn't reach the ground.	They are less dense.

They shed their leaves at different times of the year.	They shed their leaves at a particular time of the year.
Important trees found in these forests are mahogany, ebony and rosewood.	Important trees found in these forests are sal, teak, peepal, neem and shisham.
They are found in Andaman and Nicobar Islands, parts of North-Eastern states and a narrow strip of the Western slope of the Western Ghats	They are found in Madhya Pradesh, Uttar Pradesh, Bihar, Jharkhand, Chhattisgarh, Odisha, and in parts of Maharashtra.

4. The major seasons recognized in India are:

- **Cold Weather Season (Winter) December to February:** During the winter season, the sun rays do not fall directly in the region. As a result the temperatures are quite low in northern India.
- **Hot Weather Season (Summer) March to May:** In the hot weather season sun rays more or less directly fall in this region. Temperature becomes very high. Hot and dry winds called loo, blow during the day.
- **Southwest Monsoon Season (Rainy) June to September:** This season is marked by the onset and advance of monsoon. The winds blow from Arabian Sea and Bay of Bengal towards the land. They carry moisture with them. When these winds strike the mountain barriers, rainfall occurs.
- **Season of Retreating Monsoon (Autumn) October and November:** Winds move back from the mainland to the Bay of Bengal. This is the season of the retreating monsoons. The southern parts of India, particularly Tamil Nadu and Andhra Pradesh receive rainfall in this season.

5. Different types of vegetation found in India:

- **Tropical Rain Forests:** Tropical Rain Forests occur in the areas which receive heavy rainfall. They are so dense that sunlight doesn't reach the ground. Many species of trees are found in these forests, which shed their leaves at different times of the year. Andaman and Nicobar Islands, parts of North-Eastern states and a narrow strip of the Western slope of the Western Ghats are home of these forests.
- **Tropical Deciduous Forests:** In a large part of our country we have this type of forest. These forests are also called monsoon forests. They are less dense. They shed their leaves at a particular time of the year. Important trees of these forests are sal, teak, peepal, neem and shisham. They are found in Madhya Pradesh, Uttar Pradesh, Bihar, Jharkhand, Chhattisgarh, Odisha, and in parts of Maharashtra.
- **Thorny Bushes:** This type of vegetation is found in dry areas of the country. The

leaves are in the form of spines to reduce the loss of water. Cactus, khair, babool, keekar are important and are found in the states of Rajasthan, Punjab, Haryana, Eastern slopes of Western Ghats and Gujarat.

- **Mountain Vegetation:** A wide range of species is found in the mountains according to the variation in height. With increase in height, the temperature falls. At a height between 1500 metres and 2500 metres most of the trees are conical in shape. These trees are called coniferous trees. Chir, Pine and Deodar are important trees of these forests.
- **Mangrove Forests:** These forests can survive in saline water. They are found mainly in Sunderbans in West Bengal and in the Andaman and Nicobar Islands. Sundari is a well-known species of trees in mangrove forests after which Sunderbans have been named.



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