

**ICSE Board  
Class X Geography  
Board Paper – 2015**

**Time: 2 hrs**

**Total Marks: 80**

**Answers to this paper must be written on the paper provided separately.**

You will **NOT** be allowed to write during the first 15 minutes.

This time is to be spent in reading the question paper.

**The time given at the head of this paper is the time allowed for writing the answers.**

Attempt **all** questions from Part I (compulsory) and any **five** questions from Part II.

**Part I- Question 2**

**On the outline map of India provided:**

- a) Mark and name the Nilgiris. [1]
- b) Shade and label the Malwa Plateau. [1]
- c) Shade and label the Malabar Coastal Plains. [1]
- d) Mark and name the River Gomati. [1]
- e) Mark and name the Andaman Sea. [1]
- f) Mark and name Allahabad. [1]
- g) Mark with a single arrow and name the winds that bring winter rains to North West India. [1]
- h) Mark and name Digboi. [1]
- i) Mark an area with laterite soil below the Tropic of Cancer. [1]
- j) Mark and name the Karakoram Pass. [1]

## PART II (50 marks)

(Attempt any **five** questions from this Section)

### Question 3

- a) Explain two factors that effect of climate of India giving a suitable example for each. [2]
- b) State two differences between the rainfalls that occur from June to September and that from December to February in North India. [2]
- c) Give a geographical reason for each of the following: [3]
- Kerala has the longest rainy season.
  - The Konkan coast experience orographic rainfall.
  - The city of Kanpur in Uttar Pradesh has a higher range of temperature than that of Chennai in Tamil Nadu.
- d) Study the climate data given below and answer the questions that follow:

Month	Jan	Feb	Mar	Apr	May	June	July	Aug	Sep	Oct	Nov	Dec
Temperature in °C	21.0	21.9	24.3	27.2	28.0	26.4	26.1	25.4	25.0	28.0	26.0	21.2
Rainfall cm	5.1	2.8	1.2	1.7	3.9	4.6	8.4	11.4	11.9	31.6	34.5	14.8

- Identify the hottest month. [3]
- Calculate the annual rainfall.
- Name the winds that bring the maximum rainfall to this city.

### Question 4

- a) State the characteristic of each of the soils named below that makes them most suitable for crop cultivation: [2]
- Black Soil
  - Red Soil
- b) State the geographical term for each of the following processes: [2]
- The process by which rain water, flowing in a definite paths, removes the top soil, thus causing deep cuts to the surface of the land.
  - The process by which rain water, flowing in definite path removes the top soil, thus causing deep cuts to the surface of the land. [3]
- c) Define the following :
- Pedogenesis.
  - Humus
  - Bhangar
- d. Give a geographical reason for each of the following: [3]
- Alluvial soil is extremely fertile.
  - Need for soil conservation.
  - Reforestation should be practiced extensively.

**Question 5**

- a) State two characteristics of Tropical deciduous forests. [2]
- b) State two reasons why Tropical Evergreen forests are difficult to exploit. [2]
- c) Identify the tree as per its characteristics mentioned below: [3]
  - i. It yields wood that is hard and scented and is usually found in high altitudes.
  - ii. It is generally found in the deltaic region and is used to make boats.
  - iii. The furniture made from this tree is generally the most expensive.
- d) Differentiate between afforestation and deforestation. State the disadvantage of deforestation. [3]

**Question 6**

- a) State two reasons why irrigation is important to a country like India. [2]
- b) Name two modern methods of irrigation. State one important reason for their growing popularity. [2]
- c) [3]
  - i. Why is well irrigation still a popular means of irrigation? Give two reasons to support your answers.
  - ii. State the significance of rainwater harvesting.
- d) [3]
  - i. Why is the world in danger of facing a severe water shortage in the coming future? Give two reasons to support your answer.
  - ii. State one measure the government should adopt to handle the present water crisis.

**Question 7**

- a) State two reasons why limestone is a valuable mineral. [2]
- b) State the most important use of the following: [2]
  - i. Iron Ore
  - ii. Bauxite
- c) Name the: [3]
  - i. The largest oil refinery in the public sector
  - ii. State that is the largest producer of coal
  - iii. Best variety of iron ore
- d) Give a geographic reason for each of the following: [3]
  - i. Many port cities have their own oil refineries.
  - ii. Petroleum is called the 'fossil fuel'.
  - iii. Coal is called a versatile mineral.

**Question 8**

- a) Differentiate between a Rabi crop and a Kharif crop. [2]
- b) State an important difference between the climatic requirements for growing cotton and jute. [2]
- c) Give a geographical term for each of the following: [3]
- Cultivation of sugarcane from the root stock of the cane which has been cut.
  - The residue left behind after the crushing of oil seeds
  - The process by which latex is converted into a thick, spongy mass by adding acetic acid or formic acid
- d) Give a geographical reason for each of the following: [3]
- Tea is cultivated on hill slopes.
  - The yield per hectare of sugarcane is higher in the Southern states.
  - Pulses are important food crops.

**Question 9**

- a) [2]
- Why is the cotton textile industry called an agro based industry?
  - Give an important reason for it being more widespread than the jute industry.
- b) [2]
- State one important point of similarity between the woollen industry and the silk industry.
  - Name the state that produces the most woollen and silk products respectively.
- c) [3]
- State two major problems faced by the sugar industry.
  - Name two by products of the sugar industry.
- d) [3]
- i. State one of the main problems of the silk industry.
  - ii. Name any two products of the jute industry, other than rope and gunny bags.
  - iii. Why are synthetic fibers popular?

### Question 10

- a) [2]
- Why is the iron and steel industry called a basic industry?
  - Define a mini steel plant.
- b) With which large scale industry would you identify the following manufacturing centres? [2]
- Kanpur
  - Rourkela
  - Pune
  - Mangalore
- c) [3]
- State two reasons for the growing importance in the status of petrochemical industries.
  - Name two products of the petroleum industry.
- d) [3]
- State two conditions necessary for the setting up of a heavy engineering industry.
  - Name a ship building yard on the east coast and a center for making electric locomotive.

### Question 11

- a) [2]
- Why is the Railways an important means of transport as compared to Airways?
  - State one economic benefit of the Golden Quadrilateral Project.
- b) [3]
- State one important difference between an expressway and a highway.
  - Name the first expressway constructed in the country.
  - State a reason why the Northern Rivers are more suitable for navigation than the Deccan rivers.
- c) [3]
- “Waste segregation is important”. Give a reason to support your answer.
  - Why is nuclear waste harmful?
  - Explain briefly how as a student, you can help in the reduction of waste generation.
- d) [2]
- What is understood by biodegradable waste?
  - State one source of gaseous waste.