

City International School

FIRST PRELIMINARY EXAMINATION 2014 – 2015

Date : 20/11/2014

Marks : 80

Std : X

Subject : Geography (Paper II)

Time : 2 hrs

Answer 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 **seven** questions in all.

Part I is **compulsory**. All questions from **Part I** are to be attempted.

A total of **five** questions are to be attempted from **Part II**.

The intended marks for questions or parts of questions are given in brackets ()

PART I [30 MARKS]

Attempt all questions from this Part.

- Q. 1** With reference to the Survey Map of India 45D/7 (2010) provided, answer the following questions. **(20)**
- a. Give the six figure grid reference of. **(2)**
 - i. Δ 179
 - ii. Confluence of River Sipu and Mahadeviyo Nala
 - b. Identify the following. **(2)**
 - i. The general pattern of settlement of the given map extract
 - ii. The drainage pattern in grid square 8585
 - c. What do the following indicate? **(2)**
 - i. 25 r in 8286
 - ii. Black dotted line in 8090
 - d. Identify the following relief features in grid square. **(2)**
 - i. 8088
 - ii. 8584
 - e. Give two reasons why the people of Jegol practice agriculture as their main occupation. **(2)**
 - f. Give the four figure grid reference of. **(2)**
 - i. A meander
 - ii. Soil erosion
 - g. Explain the following terms and what do they indicate? **(3)**
 - i. Causeway
 - ii. Broken Ground
 - h. Calculate the indirect distance between Bhakodar and Dhaner in meters and kilometers. **(1)**
 - i. Which two means of transport would a person take if he travels between Dhaner and Nandotra (Brahmanvas). **(2)**
 - j. What do you understand by the following. **(2)**
 - i. Blue line in the Sipu River.
 - ii. Small black circle in grid square 8283.

Q. 2 On the outline map of India provided to you, mark and label the following. **(10)**

- a. River Betwa
- b. Vindhya Mountains
- c. Chilka Lake
- d. Name and mark an inland oil refinery
- e. Standard Meridian
- f. Northern Circars
- g. Region of black soil in the west
- h. Name and shade the most sparsely populated area
- i. Deccan Plateau
- j. Winds that bring maximum rain to Tamil Nadu

PART II [50 MARKS]

Attempt any five questions from this Part.

Q. 3 a. Mention two differences in the climate conditions which prevail over Tamil Nadu and Punjab in the month of December. **(2)**

b. Describe the phenomena of the Retreating Monsoon Season. **(2)**

c. Give reason for the following. **(3)**

- i. Kolkata gets more rain than Kanpur.
- ii. Cherrapunji gets more rain than Shilong.
- iii. Ooty is cooler in May than Kochi even though they are both located in the south of India.

d. Study the table given below and answer the following questions. **(3)**

Station	Months	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
A	Temp °c	19.4	21.7	26.7	29.4	30.6	29.4	28.9	28.3	28.3	27.2	22.8	19.4
	Rf (cm)	0.7	2.8	3.6	4.8	14.5	30.2	31.8	32.3	25.1	10.6	1.8	0.5
B	Temp °c	13.8	16.6	21.6	27.8	33.2	33.6	30.9	29.8	29.2	25.7	19.7	15.2
	Rf (cm)	2.5	2.1	1.3	0.8	1.3	7.7	17.9	18.4	12.3	1.0	0.2	1.0

- i. Calculate the annual average rainfall of station A.
- ii. What type of climate does station B experience?
State a reason for your answer.
- iii. Calculate the mean annual temperature of station B.

Q. 4 a. Mention two features of fertile soil. **(2)**

b. State two advantages of Red soil. **(2)**

- c. Name the following. (3)
- The minerals that make Alluvial soil very fertile.
 - The soil type that has equal proportions of sand and clay.
 - High temperature and heavy rainfall with alternating wet and dry spells from this type of soil.
- d. Mention three human factors that add to soil erosion and their prevention. (3)

- Q. 5** a. What type of forest is found on the western slopes of the Western Ghats? Give one important characteristic of the forest. (2)
- b. State two reasons why forests need to be conserved. (2)
- c. With reference to Thorn forest answer the following. (3)
- Mention the climatic conditions in which they are found.
 - Mention two states where they are found.
 - Give two important trees found in them.
- d. Vegetation in the Himalayas varies according to the height. State three distinctive types of forests found there and name an important type of tree found in each one of them. (3)

- Q. 6** a. Mention two important conditions required for the construction of canal. (2)
- b. Mention two differences between Surface wells and Tube wells. (2)
- c. Give three disadvantages of Tank irrigation. (3)
- d. Give three reasons why Rain Water Harvesting has become a part of the State Policy. (3)

- Q. 7** a. Give reason why manganese and limestone is used in the manufacturing of good quality steel. (2)
- b. Name the most important State and the associated coal fields of the following. (2)
- Lignite
 - Bituminous
- c. Name the following. (3)
- The largest state and its district of manganese production.
 - The largest government owned inland refinery.
 - One east coast refinery.
- d. Give three ways in which minerals can be conserved. (3)

- Q. 8** a. Answer the following. (2)
- Name two states where shifting cultivation is predominantly practiced in India.
 - State an important advantage of Mixed Farming.

- b. State two importance of Crop Rotation. (2)
- c. Explain the following. (3)
 - i. Retting
 - ii. Dibbing
 - iii. Ratooning
- d. Give three economic importance of Oil Seeds. (3)

- Q. 9**
- a. State four basic requirements needed to set up an industry. (2)
 - b. What are the four industries based on Finished Products? Explain. (2)
 - c. State three importance of setting up Cotton Textile Industries in India. (3)
 - d. Jute is known as the 'Golden Fibre of India'. (3)
 - i. Mention the state where it is extensively produced in India and why?
 - ii. What is the main drawback faced by this industry.

- Q. 10**
- a. Give two differences between an Integrated Steel Plant and a Mini Steel Plant. (2)
 - b. With reference to the Bhilai Steel Plant answer the following. (2)
 - i. District from where it gets its supply of Iron – ore.
 - ii. The state where it is located.
 - c. What are the basic requirements of the ship – building industry? (3)
 - d. Name one centre each for the production of the following goods. (3)
 - i. Diesel Locomotives Works.
 - ii. The Praga Tools Ltd.
 - iii. The Bharat Electronics Ltd.

- Q. 11**
- a. Give reasons. (2)
 - i. The eastern coastal strip is intensively served by railways, while the western coastal strip is not.
 - ii. Air transport is particularly important in N.E. India.
 - b. Answer the following. (3)
 - i. What is the disadvantage of using different railway gauges?
 - ii. Why are the rivers of the peninsula India not suitable for navigation?
 - iii. Name the headquarters of the Central Railways.
 - c. What are the processes of separating the gaseous waste? (2)
 - d. Name the following. (3)
 - i. Disease caused by Mercury poisoning.
 - ii. Chemical which leaked in the Union Carbide factory.
 - iii. Disease caused by water contaminated by animal excreta.