

# ***City International School***

## **FIRST TERMINAL EXAMINATION 2015 - 2016**

**Date : 04/08/2015**

**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** Study the extract of survey of India Map. Sheet No. 45D/7 (2010) (Eastings 77 – 87), (Northings 82 – 92) and answer the following questions:-
- a. Give the six figure grid reference for each of the following. (2)
    - i. Survey tree 136 near Bhadli Korba.
    - ii. Temple near Nandotra
  - b. What is the direction of the Sipu River. Give reason for your answer. (2)
  - c. Identify the following features. (2)
    - i. Black circles in 8088
    - ii. Black circle in 8283
  - d. i. What is the compass direction of Dhaneri from Jegol. (1)
    - ii. Describe the drainage pattern in grid square 8390. (1)
  - e. Give two occupations of the people of Atol and state a reason for it. (2)
  - f. i. Give the indirect distance between Bhakodar and Chadungri. (2)
    - ii. Give 2 means of transport in the given map extract.
  - g. Which two natural features indicate that the area in grid square 8088 is subjected to weathering. (2)
  - h. Identify the contour feature in grid square. (2)
    - i. 8584
    - ii. 8583
  - i. i. On which bank of the Mahadeviyo Nala does the town Dhoner lie? (2)
    - ii. What type of a settlement does Chadungri have.
  - j. i. Give two evidence to show that the given map extract has seasonal rainfall. (2)
    - ii. What is the main source of irrigation in the North East part of the map.

**Q. 2** On the outline map provided. **(10)**

- a. Mark the commercial capital of India.
- b. Mark and label the river Kosi.
- c. Mark and label the coromandal coast.
- d. Shade and label red soil in the east.
- e. Mark and label the Satpura.
- f. Mark and label the Nathu-la pass.
- g. Mark with arrow the winds that bring rain to the northern plains in summer.
- h. Mark with a black triangle and name an area of coal deposit.
- i. Mark and label Vishakhapatnam.
- j. Shade and label the Deccan Plateau.

**PART II [50 MARKS]**  
**Attempt any 5 questions from this part.**

**Q. 3** Answer the following questions.

- a. How do the following influence the climate of India. **(2)**
  - i. Latitude
  - ii. Jet streams
- b. With regard to the cold weather season answer the following: **(2)**
  - i. The position of the sun.
  - ii. The pressure over the land.
  - iii. The direction of the prevailing winds.
  - iv. The areas which receive heavy rainfall.
- c. Differentiate between South – West Monsoon Season and Retreating Monsoon Season **(3)**
- d. Given below in the climate data of station A and B. Study the table and answer the following questions. **(3)**

| Station |         | J    | F    | M    | A    | M    | J    | J    | A    | S    | O    | N    | D    |
|---------|---------|------|------|------|------|------|------|------|------|------|------|------|------|
| A       | Temp °C | 21   | 22.6 | 26.3 | 29.2 | 29.7 | 27.5 | 25.1 | 24.5 | 24.8 | 25.5 | 22.5 | 20.5 |
|         | Rf cm   | 0.15 | 0.15 | 0.15 | 1.5  | 2.7  | 11.4 | 16.7 | 9    | 13.4 | 9    | 2.7  | 0.3  |
| B       | Temp °C | 25.0 | 26.5 | 28.7 | 30.6 | 31.3 | 30.8 | 30.3 | 29.8 | 29.3 | 28.0 | 26.4 | 25.2 |
|         | Rf cm   | 1.97 | 1.34 | 1.77 | 5.48 | 6.95 | 3.98 | 4.94 | 10.3 | 11.9 | 18.8 | 14.5 | 5.1  |

- i. Find the annual rainfall in Station A.
- ii. Find the annual average / mean temperature at B.
- iii. Which winds bring rain to station A? Give reasons to support your answer.

- Q. 4**
- a. What is leaching? With which soil is it associated? Name one state where this soil is found. (2)
  - b.
    - i. Name 2 main types of soil that are found extensively in the Peninsula Plateau. (2)
    - ii. Name two soils found in India, which are friable in nature.
  - c. Give reasons. (3)
    - i. Soil of the Ganga valley is faint yellow in colour.
    - ii. The alluvial soil of the Godavari and Krishna valley are dark brown in colour.
    - iii. Red soil is less fertile.
  - d. Mention 3 human factors that cause soil erosion? Give a preventive measure related to each one. (3)
- Q. 5**
- a. Name the forests found in the Gangetic delta region? Name two trees found in this area. (2)
  - b. Name 2 areas in India where the Monsoon Forests are most extensively found. Give one characteristic of the trees found in this type of forest. (2)
  - c. Give 2 ways in which the trees found in the Thorn Forests adapt themselves to the severe conditions. Name two trees found here. (3)
  - d. What are the following trees used for. (3)
 

|             |               |               |
|-------------|---------------|---------------|
| i. Ebony    | ii. Myrobalan | iii. Bamboo   |
| iv. Sundari | v. Teak       | vi. Chir Pine |
- Q. 6**
- a.
    - i. State two reasons why irrigation is important in India. (2)
    - ii. State any two favourable conditions for digging wells.
  - b.
    - i. Why are perennial canals more useful than inundation canals? (2)
    - ii. Name one state where canal irrigation is popular.
  - c.
    - i. Mention two disadvantages of Tank irrigation. (3)
    - ii. Where is it commonly used in India? Why?
  - d. Give three reasons to justify the need to conserve water. (3)

- Q. 7** a. What grade of iron – ore is mostly mined in India? Name two leading Iron – ore producing states. (2)
- b. i. Name the state and its district which is the leading producer of manganese. (3)
- ii. Name any 2 minerals used in the manufacturing of steel and their specific use.
- c. Why are oil refineries located near the coasts? (2)
- d. i. Where is the largest Aluminium plant located? From where does the plant get its supply of Bauxite. (3)
- ii. Give an important use of lignite coal.
- Q. 8** a. Give geographical reasons for the following: (2)
- i. Tea is grown on hill slopes.
- ii. Jute has to be retted.
- b. Mention two problems faced by sugarcane cultivators in India. (2)
- c. What are the steps taken by the government to increase the yield of crops? (3)
- d. Give two disadvantages and one advantage of ratoon cropping. (3)
- Q. 9** a. Give 2 advantages of rail transport over road transport. (2)
- b. Name the following. (3)
- i. India's 11<sup>th</sup> and the biggest ultra modern seaport off Mumbai.
- ii. The port in Orissa that handles iron – ore, coal and general cargo.
- iii. A riverine port in the eastern coast.
- c. Name 2 vectors and the disease they spread. (2)
- d. State the effect of Acid Rain. (3)