

GREENLAWNS SCHOOL, WORLI
Terminal Examination 2020-2021
GEOGRAPHY

Std: X
Date:07/10/2020

Marks: 60
Time: 2 hours

PART I (10 marks)

Attempt all questions from this part

- Q.1. On the outline map of India provided to you mark and name the following. [10]
- a. Mark and name: i) Mumbai ii) Allahabad iii) Kolkata, Chennai [3]
 - b. Shade and label:
 - i) An area with alluvial soil in the north
 - iii) An area with black soil in Gujarat [3]
 - c. Mark and name: i) The winds that bring rainfall to Mumbai in June
ii) The winds that bring rain to Chennai in winter. [2]
 - d. Mark and label Jharia [1]
 - e. Mark and label the IST [1]

PART II (50 marks)

Attempt any five questions from this part

- Q.2.
- a. Why do the South West monsoon winds divide into two branches after reaching India. Name the two branches. [2]
 - b. What are temperate cyclones? How are they beneficial to India? [2]
 - c. Give geographical reasons for the following. [3]
 - i. People are oppressed during the period of October Heat.
 - ii. The northern plains of India do not freeze in winter.
 - iii. Kochi receives more rainfall than Hyderabad.
 - d. Study the climatic data given below and answer the following questions. [3]

Station	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
A (temp ⁰ C)	25.1	25.8	26.5	29.3	31	32.4	33.2	32.4	30.3	29.1	28.6	26.4
A (Rain/cm)	15.3	11.1	0.4	0.2	1.4	3.7	5.4	11.2	10.3	19.8	15.5	18

- i. Calculate the annual rainfall experienced at the station.
- ii. Does the station have a coastal or continental location? Give a reason for your answer.
- iii. Name the hottest month and the driest month.

Q.3.

- a. Write any two characteristics of black soil. [2]
- b. Give two points of difference between red soil and alluvial soil. [2]
- c. Explain the following terms: [3]
 - i. Transported soil
 - ii. Gully erosion
 - iii. Shelter belts
- d. Explain any three causes of soil erosion in India. [3]

Q.4.

- a. Mention any four functions of forests. [2]
- b. Explain any two features of tropical monsoon forests. [2]
- c. With reference to Tropical desert forests, answer the following questions: [3]
 - i. Why do these forests have xerophytic vegetation?
 - ii. Name any two trees growing in these forests.
 - iii. Name any two states where these forests are found.
- d. Give geographical reasons for the following. [3]
 - i. Tidal forest trees survive in soft and shifting mud.
 - ii. Rain forests are evergreen.
 - iii. Trees should be planted near industrial units.

Q.5.

- a. Give any two reasons why tank irrigation is popular in the southern region of India. [2]
- b. Give two advantages and two disadvantages of well irrigation. [2]
- c. Name the following. [3]
 - i. Any two modern irrigation methods
 - ii. Two types of canals
 - iii. Two methods to lift water from a well
- d. After Indian independence increase in irrigation potential was considered a prerequisite for agricultural development. Give three reasons to support this statement. [3]

Q.6

- a. Give any two uses of copper. [2]
- b. Why is there a growing demand to replace petroleum as a source of energy? [2]
- c. Give geographical reasons for the following. [3]
 - i. Bituminous coal is called cooking coal.
 - ii. Haematite is called 'red ore'
 - iii. Nuclear energy is extensively used in modern times.

d. Study the picture given below and answer the questions that follow. [3]



- i. Name the type of energy being generated in the above picture.
- ii. Name any two states in India where this type of energy is mainly generated.
- iii. Write any two advantages of this type of energy.

Q.7.

- a. The National Highway Authority of India has been extremely busy in recent years. Justify. [2]
- b. Give any two advantages of roadways and any two disadvantages of airways in India [2]
- c. Name the following. [3]
 - i. Two sea ports on the east coast of India.
 - ii. Two types of waterways
 - iii. Two freeways in India
- d. Waterways are not very well developed in India. Give three reasons to support this statement. [3]

Q.8.

- a. Why are sanitary landfills better than open dumping grounds? [2]
- b. Scientific advancement and environmental safety can never go hand in hand. Give two points in favour of or against this sentence as you deem suitable. [2]
- c. Explain the following terms: [3]
 - i. Recycling of waste
 - ii. Global warming
 - iii. E-waste
- d. Name any three sources of waste giving two examples of each. [3]
