

**GREENLAWNS HIGH SCHOOL
FINAL EXAMINATION YEAR 2018**

SUBJECT : GEOGRAPHY
TIME : 2 HOURS

CLASS : X
MARKS : 80

Answers to this Paper must be written on the answer sheet 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.

PART I (30 Marks)

(Attempt all Questions from this part)

- Q.1 Study the extract of the Survey of India Map Sheet no 45D/10 and answer the following questions. (20)
- a) Give the six figure grid of the Post office in Dantrai. (1)
 - b) Distinguish between the drainage pattern in grid 0825 and grid 0822. (1)
 - c) What do the following mean: (5)
 - i. L Y in the north west corner of the extract.
 - ii. 4 r in grid 0218.
 - iii. The black vertical line between easting 09 and 10.
 - iv. 300 in grid 0923
 - v. Story Waste.
 - d) i. What is the scale of this map?
ii. Calculate the distance in Km and meter from Idaria to Dhana along the cart track. (2)
 - e) i. What is the R.F of this map? What does it mean?
ii. Mention two advantages that Dantrai has over Bhamra. (2)
 - f) Account for the following:
 - i. There is no causeway in the region.
 - ii. The area in the map extract is rural. (2)
 - g) Give four evidences to show that the region depicted on the map receives seasonal rainfall. (2)
 - h) Calculate the area in square Kilometers of the region enclosed within Easting 05 and 10 and Northing 18 and 22. (1)
 - i) Give two differences between the left and the right banks of the main river between northing 20 and 21. (2)
 - j) What does C I stand for? What does it mean? What is the C I of this map? (2)
- Q.2 On the outline map of India provided, mark, shade and label the following: (10)
- a) The IST (1)
 - b) Lake Chilka and Palk Strait (1)
 - c) River Chambal and River Brahmaputra. (1)
 - d) Mt. Kanchenjunga and the Aravallis. (1)
 - e) The North Sircar Coast (1)

- f) Winds which bring rain to Central India. (1)
- g) Laterite soil in S. West of India. (1)
- h) The oldest oil field in India. (1)
- i) The city of Bangalore. (1)
- j) Sparsely populated state in the North East. (1)

PART II

Q.3 (10)

- a) What are Jet streams? (2)
- b) Give two differences between the branches of the South West Monsoon Winds. (2)
- c) Give geographical reasons for the following. (3)
 - i) Meghalaya gets more rainfall than Shillong.
 - ii) Punjab experiences a continental type of climate.
 - iii) Ooty has much lower temperature than Kochi.
- d) Study the climatic data and answer the following questions: (3)

MONTH	J	F	M	A	M	J	J	A	S	O	N	D
TEMP° C	9.0	14.4	16.6	23.3	30.0	33.3	30.0	29.4	26.9	25.8	15.2	11.2
RAINFALL CM	2.5	1.5	1.3	1.0	1.8	7.4	19.3	17.8	11.9	1.3	0.2	1.0

- i. Calculate the annual range of temperature of the station.
- ii. Name the winds which bring rainfall to the station. Give a reason to support your answer.
- iii. What type of climate is experienced by the station? Give a reason to support your answer.

Q.4 (10)

- a) State two differences between red and black soils on the basis of their origin and crops. (2)
- b) State any two measures taken to prevent soil erosion. (2)
- c) Give geographical reasons for the following. (3)
 - i. Laterite soil gets leached but black soil does not.
 - ii. Desert soil is saline.
 - iii. Alluvial is darker in south India than North India.
- e) Mention three reasons why soil needs to be conserved. (3)

Q.5 a) (10)

- i. Why do deciduous forests shed their leaves? (2)
- ii. Name a region in India which has these deciduous forests. (2)
- b) Name the most commercially exploited forest in India. Name two trees found in these forests. (2)
- c) Name the following: (3)
 - i. Two fruits which can be eaten raw from trees found in the Tropical Desert.
 - ii. A tree which is termite proof.
 - iii. Name two states where Mountain forests are found.

- d) Answer the following: (3)
- i. How do forests have a favourable effect on climate?
 - ii. How do forests conserve soil?
 - iii. How do forests prevent flood?

- Q.6 (10)
- a) Mention two reasons why Irrigation is important in India (2)
 - b) Why are most inundation canals converted into perennial canals. (2)
 - c) Give reasons for the following:
 - i. Drip Irrigation is the best method of Irrigation. (3)
 - ii. Rain harvesting has more than one benefit.
 - iii. The Sprinkler irrigation has its disadvantages.
 - d) What are the following:- (3)
 - i. Watershed Management
 - ii. A Johad
 - iii. Persian wheel Method

- Q.7 (10)
- a) State two uses of bituminous coal. (2)
 - b) Mention two uses of Manganese. (2)
 - c) Name the following: (3)
 - i. Two states which benefit from the Sardar Sarovar Project.
 - ii. The Reservoir of Bhakra Nangal Dam.
 - iii. Two power houses of the Hirakud Project.
 - d) Give Reasons for the following: (3)
 - i) Coal is versatile mineral.
 - ii) India is particularly suitable for the generation of solar energy.
 - iii) Hydel power is better than thermal power.

- Q.8 (10)
- a) Write a note on the importance of agriculture. (2)
 - b) Mention the geographical conditions required for the cultivation of cotton. (2)
 - c) Give reasons for the following: (3)
 - i. Wheat grows well in Punjab.
 - ii. Tea grows well on hill slopes.
 - iii. Oil cake has its uses.
 - d) What are the following: (3)
 - i. Plantation Farming
 - ii. Retting
 - iii. Japanese method of cultivating Rice.

Q.9 (10)

- a) Mention any two problems faced by the cotton industry. (2)
- b) What is the importance of tea industry in India? (2)
- c) Give Reasons for the following: (3)
 - i. Petrochemical plants are usually located near oil refineries.
 - ii. The Steel Plant set up in collaboration with USSR is located at Bhilai.
 - iii. The entertainment Industry has benefitted from the electronic industry.
- d) Name the following: (3)
 - i. An Iron and Steel Plant in Jharkhand.
 - ii. The main State known for its mulberry silk.
 - iii. The Industry which has the tendency to move south.

Q.10 (10)

- a) Give two points stating the importance of transportation. (2)
- b) Distinguish between National and State Highways. (2)
- c) Mention three economic benefits of the golden Quadrilateral Project. (3)
- d) State two advantages of roadways and one disadvantage of waterway. (3)

Q.11 (10)

- a) Explain the following terms:
 - i. Segregation
 - ii. Open dumping (2)
- b) Give two advantages of Composting. (2)
- c) Name any three water borne diseases. (3)
- d) Suggest any three steps that you can undertake to protect our environment. (3)
