

GREENLAWNS HIGH SCHOOL
TERMINAL EXAMINATION-YEAR 2022-23

SUBJECT: GEOGRAPHY
TIME: 2 HOUR

CLASS: X
MARKS: 60

PART-I (20 MARKS)

Attempt all the questions from this part.

Question 1

Study the extract of the Survey of India Map, sheet No. **G43S10** and answer the following questions. (7)

- (i) What do you understand by the following? (2)
 - a. Stony waste.
 - b. March fair in 6233.
- (ii) (2)
 - a. What is the general pattern of settlement in this map extract?
 - b. Mention why Pamera can be called the most important settlement in the map.
- (iii) Calculate the area of the region between 33 to 36 Northings and 60 to 64 Eastings. Give your answer in meter square. (Show the calculation on the answer sheet.) (2)
- (iv) Mention the direction of flow of the Sipu Nadi in the western part of the map. (1)

Question 2

On the outline map of India provided:

- (i) Draw and label the IST. (1)
- (ii) Shade and label the area which has Black soil. (1)
- (iii) Mark and label Wular lake. (1)
- (iv) Shade and label Gulf of Khambat. (1)
- (v) Shade and label Andaman Sea. (1)
- (vi) Draw and label the North East Monsoon Winds. (1)

Question 3

Choose the correct option. (7)

- (i) _____ winds cause rainfall in Tamil Nadu and southern tip of Andhra Pradesh. (7)
 - (a) South West Monsoon Winds. (Bay of Bengal branch)
 - (b) South West Monsoon Winds. (Arabian Sea branch)
 - (c) North East Monsoon Winds.
 - (d) Retreating Monsoon Winds.

- (ii) Western Rajasthan lies in the area of _____.
- Low rainfall region.
 - Scanty rainfall region.
 - Heavy rainfall region.
 - Medium rainfall region.
- (iii) _____ is transported soil.
- Alluvial soil
 - Black soil
 - Red soil
 - Laterite soil
- (iv) Babool tree grows in _____ forests.
- Tropical Evergreen forests.
 - Tropical Deciduous forests.
 - Tropical Desert forests.
 - Littoral forests.
- (v) Persian wheel method is the method of _____ irrigation.
- Well irrigation
 - Tube well irrigation
 - Canal irrigation
 - Tank irrigation
- (vi) Aerobic method of decomposing solid wastes is known as _____.
- Incineration
 - Composting
 - Open dumping
 - Bio magnification
- (vii) Bagasse is obtained from _____.
- Cotton
 - Wheat
 - Sugarcane
 - Oilseeds

PART II (40 MARKS)

(Attempt any four questions from this part.)

Question 4

- (i)
- State the most important feature of the Tropical Monsoon type of climate. (2)
 - Mention any two factors responsible for the climate of India. (2)
- (ii) Explain the term: (2)
- Burst of monsoon.
 - October heat.
- (iii) Give geographical reason for each of the following: (3)
- Kanyakumari experiences . . . equable climate.

(b) Mahabaleshwar receives 250 cm of rain, whereas Pune receives less than 70 cm of rainfall.

(c) There is excessive cold in North India during the North east monsoon season.

(iv) Study the climatic data and answer the following questions. (3)

Months	Jan	Feb	March	April	May	June	July	Aug	Sep	Oct	Nov	Dec
Temperature in °c	13.7	16.6	21.6	25.5	33.2	33.5	30.8	29.8	29.2	25.5	19.6	15.2
Rainfall in cm	2.5	2.0	1.5	0.9	1.5	7.5	17.8	18.5	12.5	1.0	0.2	1.5

(a) Calculate the annual range of temperature.

(b) What is the total rainfall experienced by the station?

(c) Which is the driest month?

Question 5

(i) Differentiate between Khadar soil and Bhangar soil. (One point each) (2)

(ii)

(a) What is meant by 'in-situ'?

(2)

(b) Give two examples of in-situ soil.

(iii) Give geographical reason for the following. (3)

(a) Black soil is called Lava soil.

(b) Laterite soil is red in colour.

(c) Deforestation leads to soil erosion.

(iv)

(a) What is soil erosion?

(3)

(b) State two methods to conserve soil in hilly areas.

Question 6

(i)

(a) Mention two functions of forests. (2)

(b) Under what climatic conditions do Tropical Evergreen forests develop?

(ii)

(a) In which forest is the Date Palm found? (2)

(b) List its two uses.

(iii) Give geographical reasons for the following. (3)

(a) Forests are moderators of climate.

(b) Littoral forests have a profuse growth with tangle of climbers.

(c) Sundari wood is used for boat making.

(iv) List three methods to conserve forests. (3)

(3)

Question 7

- (i) Differentiate between Inundation canals and Perennial canals. (2)
- (ii) (a) Define Irrigation. (2)
- (b) List two methods of Well irrigation.
- (iii) Mention one advantage and two disadvantages of Sprinkler irrigation. (3)
- (iv) List three reasons for irrigation in India. (3)

Question 8

- (i) (a) What are National highways? (2)
- (b) Name the institution responsible for maintaining and managing National highways.
- (ii) Differentiate between Harbour and Port. (Any one point) (2)
- (iii) List two advantages and one disadvantage of Airways. (3)
- (iv) Mention three problems faces by the Indian railways. (3)

Question 9

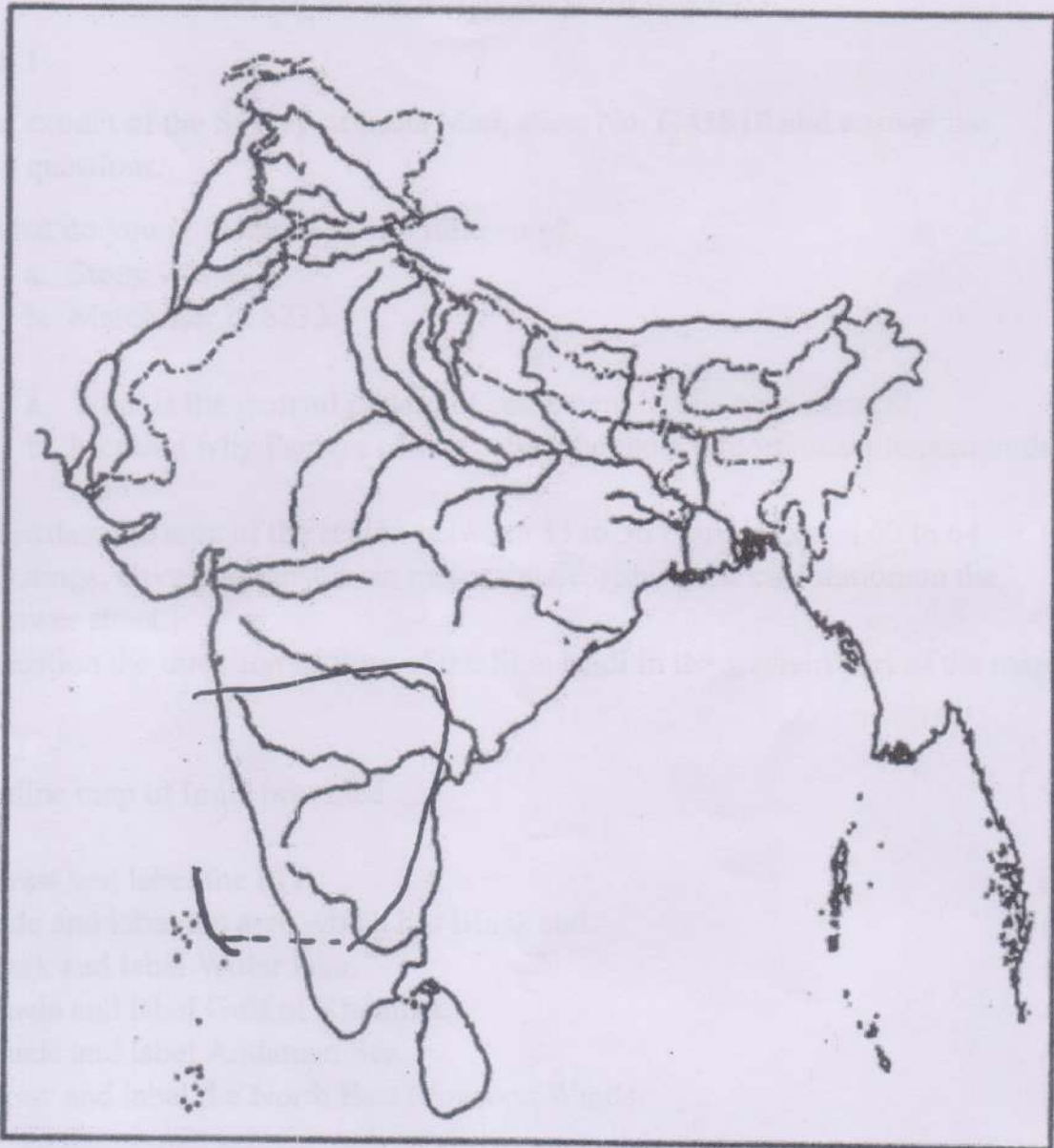
- (i) (a) What is meant by waste? (2)
- (b) List two sources of waste.
- (ii) Define the following terms. (2)
- (a) Biomagnification.
- (b) Open dumping.
- (iii) What are the three R's of waste management? What do you mean by segregation of waste? (3)
- (iv) List three methods of waste disposal other than segregation. (3)

Question No. 2

Index No..... UID.....

(This map, if used, must be fastened with all other answers)

Map of India for Question 2.



ONLY FOR THE EXAMINER

(i)	(ii)	(iii)	(iv)	(v)	(vi)	(vii)	(viii)	(ix)	(x)	Total

1.