

**GREENLAWNS HIGH SCHOOL**  
**TERMINAL EXAMINATION 2024-25**

**SUBJECT: GEOGRAPHY**

**TIME: 2 HOURS**

**CLASS: X**

**MARKS: 80**

**DATE : 4/10/2024**

**PART I (30 Marks)**

(Attempt all questions from this Part.)

**Question 1**

Study the extract of the Survey of India map SHEET No. G43S7 and answer the following questions:

- (i) What is the scale of a map? 1m
- (ii) (a) What does RF stand for? 3m  
(b) State the RF of the map provided to you.  
(c) What is the advantage of this scale?
- (iii) (a) Give the four-figure grid reference for Chatrala in the map extract. 2m  
(b) Give the four-figure grid reference of the Sluice in the northern most part of the grid.
- (iv) Mention two man-made features in the grid square 2101. 2m
- (v) Give the drainage pattern in the following grids. 2m  
(a) 3097-  
(b) 2894-

**Question 2**

On the outline map of India provided:

10m

- (i) Mark with arrows and name the wind bringing rainfall to Punjab in winter.
- (ii) Mark Kolkata using a dot.
- (iii) Mark and label Jharia coal field.
- (iv) Mark and label Eastern Ghats.
- (v) Shade and label the Andaman Sea.
- (vi) Shade and label the densely populated region in Southern India.
- (vii) Mark and label Kanara coast.
- (viii) Shade an area having Black soil.
- (ix) Shade and label the Great Indian Desert.
- (x) Mark and name a tributary of an important peninsular river.

### Question 3

Choose the correct answers to the questions from the given options.

10m

(Do not copy the question, write the correct answers only.)

1. The local winds beneficial for growing jute and rice in West Bengal and rice in Assam.
  - a) Bardoli Chheerha
  - b) Loo
  - c) Cherry Blossoms
  - d) Mango showers
  
2. Crop cultivation without irrigation during the dry season as the crops would utilise the moisture stored in the soil during the rains is called \_\_\_\_\_.
  - a) Crop rotation
  - b) Organic farming
  - c) Mixed farming
  - d) Dry farming
  
3. \_\_\_\_\_ refers to the sustainable system of managing a piece of land to combine production of agricultural crops and forest crops and animal rearing to ensure the most efficient land use under a management system in accordance with socio cultural practises of the local people.
  - a) Social Forestry
  - b) Farm Forestry
  - c) Agro-Forestry
  - d) Reforestation
  
4. Irrigation is required in India due to:
  - (i) Uncertainty of rainfall.
  - (ii) Crop requirements.
  - (iii) Nature of soil.
  - (iv) Uneven distribution of rainfall
  - a) Option 1&3
  - b) All of the above.
  - c) Option 2 & 4
  - d) None of the above.
  
5. The largest expressway connecting four metropolises: Delhi, Mumbai, Kolkata and Chennai.
  - a) The Golden Quadrilateral
  - b) North-South and East-West corridors.
  - c) The Agra-Lucknow Highway
  - d) The Yamuna Expressway
  
6. \_\_\_\_\_ causes nerve and brain damage, kidney damage.
  - a) Lead
  - b) Cadmium
  - c) Nickel
  - d) Mercury
  
7. The sudden violent onset of rainfall in the first week of June is termed as \_\_\_\_\_.
  - a) Retreating monsoon
  - b) Break of monsoon
  - c) Burst of monsoon
  - d) Kal Baisakhi



### Question 5

- (i) Differentiate between Khadar soil and Bhangar soil. (Based on what it is made of.) 2m
- (ii) Give geographical reason: 2m
- a) Black soil has a kind of self-ploughing characteristic.
- b) Laterite soil is red in colour.
- (iii)
- a) How does Rill erosion occur? 3m
- b) How is Black soil formed?
- c) Construction of dams prevents soil erosion. Explain.
- (iv) 3m
- a) What is soil erosion?
- b) State two causes of soil erosion.

### Question 6

- (i) Mohan went back to his village after 10 years. He observed that the forests near his village were no more the same. They had shrunk drastically and many timber factories had come up over there. 2m
- a) Which natural vegetation belt is his village in?
- b) Name the area in India where this kind of vegetation is found.
- (ii) List the climatic conditions of: 2m
- a) Mountain forests
- b) Littoral forests
- (iii) List the one use of the following trees: 3m
- a) Neem
- b) Ber
- c) Sandalwood:
- (iv) Mention any three methods for the conservation and development of forests in India. 3m

### Question 7

- (i) List the elements of the water harvesting mechanism. 2m
- (ii) List two ideal conditions for drilling of tubewells. 2m
- (iii) Answer the following: 3m
- a) Inundation canals are being converted to perennial canals.
- b) Where are tanks most widely used in India? Why?
- (iv) 3m
- a) What is Sprinkler irrigation?
- b) List two disadvantages of Sprinkler irrigation.

**Question 8**

(i)

a) Who is responsible for the construction and maintenance of the State highways? 2m

b) Why are State highways important?

(ii) List two disadvantages of airways. 2m

(iii) Give geographical reason for the following: 3m

a) River Ganga is navigable from its mouth up to Allahabad.

b) The Peninsular rivers are not ideal for inland water transport.

c) Air transport is of great importance during natural calamities.

(iv)

a) What is the main purpose of a Port? 3m

b) Nava Sheva is one of the most important ports in India. Explain. (Two points)

**Question 9**

(i) Explain the following terms. 2m

a) Biomedical waste.

b) Use and throw concept.

(ii) List two effects of Acid rain. 2m

(iii)

a) Define Composting. 3m

b) State two advantages of Composting.

(iv)

a) Explain the term 'Incineration'. 3m

b) List two limitations of Incineration.

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